

Freeform Search

Database:	<div style="border: 1px solid black; padding: 2px;"> US Pre-Grant Publication Full-Text Database US Patents Full-Text Database US OCR Full-Text Database EPO Abstracts Database JPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulletins </div>
Term:	<div style="border: 1px solid black; padding: 2px;"> (auction\$4 or bid\$4) SAME (timestamp\$3 or (time NEAR5 stamp\$3)) </div>
Display:	<div style="border: 1px solid black; padding: 2px;"> 10 Documents in Display Format: - Starting with Number 1 </div>
Generate: <input type="radio"/> Hit List <input checked="" type="radio"/> Hit Count <input type="radio"/> Side by Side <input type="radio"/> Image	

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Search History

DATE: Saturday, November 24, 2007
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result set

DB=EPAB,JPAB,DWPLTDBD; PLUR=YES; OP=OR

L3 (auction\$4 or bid\$4) SAME (timestamp\$3 or (time NEAR5 stamp\$3))

14

L3

DB=PGPB,USPT; PLUR=YES; OP=OR

L2 (auction\$4 or bid\$4) SAME (timestamp\$3 or (time NEAR5 stamp\$3))

296

L2

L1 705/26.ccls. or 705/37.ccls.

9027

L1

*Search has
through
MPL
& DATE*

END OF SEARCH HISTORY

NOR

11/24/2007

10/730,624

EZC search

~~Inventor search

? show files;ds

File 347:JAPIO Dec 1976-2007/Jun(Updated 070926)

(c) 2007 JPO & JAPIO

File 348:EUROPEAN PATENTS 1978-2007/ 200744

(c) 2007 European Patent Office

File 349:PCT FULLTEXT 1979-2007/UB=20071115UT=20071108

(c) 2007 WIPO/Thomson

File 350:Derwent WPIX 1963-2007/UD=200774

(c) 2007 The Thomson Corporation

File 371:French Patents 1961-2002/BOPI 200209

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File 120:U.S. Copyrights 1978-2007/Sep 11

(c) format only 2007 Dialog

File 426:LCMARC-Books 1968-2007/Nov W1

(c) format only 2007 Dialog

File 430:British Books in Print 2007/Jan W3

(c) 2007 J. Whitaker & Sons Ltd.

File 483:Newspaper Abs Daily 1986-2007/Nov 18

(c) 2007 ProQuest Info&Learning

File 2:INSPEC 1898-2007/Nov W1

(c) 2007 Institution of Electrical Engineers

File 35:Dissertation Abs Online 1861-2007/Jul

(c) 2007 ProQuest Info&Learning

File 65:Inside Conferences 1993-2007/Nov 19

(c) 2007 BLDSC all rts. reserv.

File 99:Wilson Appl. Sci & Tech Abs 1983-2007/Sep

(c) 2007 The HW Wilson Co.

File 474:New York Times Abs 1969-2007/Nov 19

(c) 2007 The New York Times

File 475:Wall Street Journal Abs 1973-2007/Nov 19

(c) 2007 The New York Times

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13

(c) 2002 The Gale Group

File 256:TecInfoSource 82-2007/Dec

(c) 2007 Info.Sources Inc

File 139:EconLit 1969-2007/Nov

(c) 2007 American Economic Association

File 9:Business & Industry(R) Jul/1994-2007/Nov 12

(c) 2007 The Gale Group

File 15:ABI/Inform(R) 1971-2007/Nov 17

(c) 2007 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2007/Nov 16

(c) 2007 The Gale Group

File 20:Dialog Global Reporter 1997-2007/Nov 19

(c) 2007 Dialog

File 148:Gale Group Trade & Industry DB 1976-2007/Nov 12
 (c)2007 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 275:Gale Group Computer DB(TM) 1983-2007/Nov 14
 (c) 2007 The Gale Group
 File 476:Financial Times Fulltext 1982-2007/Nov 18
 (c) 2007 Financial Times Ltd
 File 610:Business Wire 1999-2007/Nov 19
 (c) 2007 Business Wire.
 File 613:PR Newswire 1999-2007/Nov 19
 (c) 2007 PR Newswire Association Inc
 File 621:Gale Group New Prod.Annou.(R) 1985-2007/Nov 13
 (c) 2007 The Gale Group
 File 624:McGraw-Hill Publications 1985-2007/Nov 19
 (c) 2007 McGraw-Hill Co. Inc
 File 634:San Jose Mercury Jun 1985-2007/Nov 16
 (c) 2007 San Jose Mercury News
 File 636:Gale Group Newsletter DB(TM) 1987-2007/Nov 15
 (c) 2007 The Gale Group
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 File 267:Finance & Banking Newsletters 2007/Nov 12
 (c) 2007 Dialog
 File 268:Banking Info Source 1981-2007/Oct W3
 (c) 2007 ProQuest Info&Learning
 File 625:American Banker Publications 1981-2007/Nov 16
 (c) 2007 American Banker
 File 626:Bond Buyer Full Text 1981-2007/Nov 13
 (c) 2007 Bond Buyer
 File 47:Gale Group Magazine DB(TM) 1959-2007/Nov 02
 (c) 2007 The Gale group
 File 635:Business Dateline(R) 1985-2007/Nov 16
 (c) 2007 ProQuest Info&Learning
 File 570:Gale Group MARS(R) 1984-2007/Nov 14
 (c) 2007 The Gale Group
 File 13:BAMP 2007/Nov W3
 (c) 2007 The Gale Group
 File 56:Computer and Information Systems Abstracts 1966-2007/Oct
 (c) 2007 CSA.
 File 75:TGG Management Contents(R) 86-2007/Nov W1
 (c) 2007 The Gale Group
 File 249:Mgt. & Mktg. Abs. 1976-2007Apr W5
 (c) 2007 Pira International

Set Items Description

S1 20 AU=(DINWOODIE D? OR DINWOODIE, D?) OR
 IV=(DINWOODIE D? OR -
 DINWOODIE, D?)
 S2 10 S1 FROM 347,348,349,350,371
 S3 1 (TIME OR MINUTE OR MINUTES OR SECOND OR
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 ??? OR INDICAT??? OR CODE? ? OR IDENTIF??? OR CIPHER OR
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 DATES-
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 S4 1 S2 AND S3
 S5 10 BID OR BIDS OR BIDDING OR OFFER OR OFFERS OR TENDER
 OR TEN-
 DERS OR SUBMIT OR SUBMITS OR SUBMISSION OR SUBMISSIONS
 S6 10 S2 AND S5
 S7 10 IDPAT (sorted in duplicate/non-duplicate order)
 S8 7 IDPAT (primary/non-duplicate records only)
 S9 10 S1 NOT S2
 S10 0 S5 AND S9
 S11 1 S9 AND (CYBER OR CYBERSPACE OR VIRTUAL?? OR INTERNET
 OR WEB
 OR ONLINE OR ON()LINE OR TV OR TELEVISION OR TELLY OR
 HOME()-
 SHOPPING OR NETWORK OR TELEPHONE OR PHONE OR VIDEO OR
 BROADCA-
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 S12 8 S8 OR S11

12/AA,AN,AZ,TI/1 (Item 1 from file: 349)

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01175647

**INTERACTIVE REMOTE AUCTION BIDDING SYSTEM
 SYSTEME INTERACTIF D'OFFRE A DISTANCE DANS UNE VENTE AUX
 ENCHERES**

Application: WO 2004US12451 20040423 (PCT/WO US04012451)

12/AA,AN,AZ,TI/2 (Item 1 from file: 350)

DIALOG(R)File 350:(c) 2007 The Thomson Corporation. All rts. reserv.

0015107082

WPI ACC NO: 2005-456561/

**Distributed interactive voice response system for conducting
 interactive
 auction with remote bidder, has remote bidder system
 communicating bid**

including bid information to auction system via network

Original Titles:

AUCTION SYSTEM FOR REMOTE **BIDDING** AND METHOD

Local Applications (No Type Date): US 2003730624 A 20031208; US
2004831503 A 20040423

Priority Applications (no., kind, date): US 2003730624 A 20031208; US
2004831503 A 20040423

12/AA,AN,AZ,TI/3 (Item 2 from file: 350)

DIALOG(R)File 350:(c) 2007 The Thomson Corporation. All rts. reserv.

0014752575

WPI ACC NO: 2005-100206/

**Graphical display device e.g. video telephone conferencing display,
for**

**interactive remote auction bidding system, has ask portion
displaying ask**

**amount, and ask price accepting new bid price to update ask
amount with
new amount**

Original Titles:

Interactive remote auction **bidding** system

Local Applications (No Type Date): US 199886877 A 19980529; US
20015808

A 20011203; US 2003423583 A 20030425; US 2004831038 A
20040423

Priority Applications (no., kind, date): US 2003423583 A 20030425; US
20015808 A 20011203; US 199886877 A 19980529; US 2004831038 A
20040423

12/AA,AN,AZ,TI/4 (Item 3 from file: 350)

DIALOG(R)File 350:(c) 2007 The Thomson Corporation. All rts. reserv.

0014614280

WPI ACC NO: 2004-796253/

**System for conducting interactive auctions with remote bidders, has
remote**

**bidder system to communicate bid to auction system, to maintain
information related to subject of auction**

Original Titles:

INTERAKTIVES FERNAUKTIONSBIETSYSTEM

INTERACTIVE REMOTE AUCTION **BIDDING** SYSTEM
SYSTEME INTERACTIF D'OFFRE A DISTANCE DANS UNE VENTE AUX
ENCHERES

Auction system for remote **bidding** and method

INTERACTIVE REMOTE AUCTION **BIDDING** SYSTEM
SYSTEME INTERACTIF D'OFFRE A DISTANCE DANS UNE VENTE AUX
ENCHERES

Local Applications (No Type Date): WO 2004US12451 A 20040423; US
2003730624 A 20031208; EP 2004750487 A 20040423; WO
2004US12451 A
20040423

Priority Applications (no., kind, date): US 2003423583 A 20030425; US
2003730624 A 20031208

12/AA,AN,AZ,TI/5 (Item 4 from file: 350)

DIALOG(R)File 350:(c) 2007 The Thomson Corporation. All rts. reserv.

0013833807

WPI ACC NO: 2004-010230/

**Interactive remote auction bidding method involves providing
auction
details to remote bidders, and responding according to received bid
acceptance signal**

Original Titles:

Interactive remote auction **bidding** system

Interactive remote auction **bidding** system

Local Applications (No Type Date): US 199886877 A 19980529; US
20015808

A 20011203; US 2003423583 A 20030425; US 2003423583 A
20030425

Priority Applications (no., kind, date): US 199886877 A 19980529; US
20015808 A 20011203; US 2003423583 A 20030425

12/AA,AN,AZ,TI/6 (Item 5 from file: 350)

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0012737544

WPI ACC NO: 2002-590154/

**Interactive remote auction bidding system through communication
network,
senses bid acceptances utilizing data input devices and displays
visual
bid information to participants over network**

Original Titles:

Interactive remote auction **bidding** system

Interactive remote auction **bidding** system

Local Applications (No Type Date): US 199886877 A 19980529; US 20015808

A 20011203; US 20015808 A 20011203

Priority Applications (no., kind, date): US 199886877 A 19980529; US 20015808 A 20011203

12/AA,AN,AZ,TI/7 (Item 6 from file: 350)

DIALOG(R)File 350:(c) 2007 The Thomson Corporation. All rts. reserv.

0009797980

WPI ACC NO: 2000-087106/

Real-time interactive remote auction bidding system for bidders located at remote places

Original Titles:

INTERAKTIVES SYSTEM FUR ENTFERNTES AUKTION-ANBIETEN

INTERACTIVE REMOTE AUCTION **BIDDING** SYSTEM

SYSTEME INTERACTIF DE SOUMISSION DANS UNE VENTE AUX ENCHERES A DISTANCE

Interactive remote auction **bidding** system.

INTERACTIVE REMOTE AUCTION **BIDDING** SYSTEM

SYSTEME INTERACTIF DE SOUMISSION DANS UNE VENTE AUX ENCHERES A DISTANCE

Local Applications (No Type Date): WO 1999US11135 A 19990520; AU

199940065 A 19990520; EP 1999923247 A 19990520; WO

1999US11135 A

19990520; CN 1999806815 A 19990520; WO 1999US11135 A

19990520; JP

2000552605 A 19990520; US 199886877 A 19980529; AU 199940065

A

19990520; WO 1999US11135 A 19990520; MX 200011779 A 20001129;

WO

1999US11135 A 19990520; MX 200011779 A 20001129

Priority Applications (no., kind, date): US 199886877 A 19980529

12/AA,AN,AZ,TI/8 (Item 1 from file: 120)

DIALOG(R)File 120:(c) format only 2007 Dialog. All rts. reserv.

12317778

The auction **network** software.

~~Bibliographic patent files

? show files;ds

File 347:JAPIO Dec 1976-2007/Jun(Updated 070926)

(c) 2007 JPO & JAPIO

File 350:Derwent WPIX 1963-2007/UD=200774

(c) 2007 The Thomson Corporation

File 371:French Patents 1961-2002/BOPI 200209

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Set Items Description

S1 161156 BID OR BIDS OR BIDDING OR OFFER OR OFFERS OR TENDER
OR TEN-

DERS OR SUBMIT OR SUBMITS OR SUBMISSION OR SUBMISSIONS

S2 2085 (TIME OR MINUTE OR MINUTES OR SECOND OR
SECONDS)(3N)(STAMP-

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RS OR LABEL??? OR CODING OR CODINGS) OR TIMESTAMP??? OR

DATES-

TAMP??? OR DATATAG OR DATATAGG??? OR TAG OR TAGG???

S3 37272 ACCEPT??? OR ACCEPTANCE OR ADMIT OR ADMITS OR
ADMITT? OR T-

AKE? ? OR TAKING OR ALLOW??? OR ALLOWANCE ENTER??? OR

REGISTE-

R??? OR REGISTRATION OR POST??? OR ONLY

S4 11523 CURRENT OR REALTIME OR (REAL OR ACTUAL)()TIME OR (NO
OR "N-

OT" OR WITHOUT OR WITH()OUT)()(DELAY OR WAIT??? OR

PENDENCY OR

LAG OR TIMELAG) OR LIVE OR UP(3W)MINUTE OR NEWEST OR

MOST()R-

ECENT OR UPDATED

S5 64147 HIGH OR HIGHEST OR BEST OR UPPER OR TOP OR BIG OR
BIGG??? -

OR LARG??? OR GREATEST OR MOST OR MAXIMUM OR GOOD

S6 29993 CYBER OR CYBERSPACE OR VIRTUAL?? OR INTERNET OR WEB
OR ONL-

INE OR ON()LINE OR TV OR TELEVISION OR TELLY OR

HOME()SHOPPING

OR NETWORK OR TELEPHONE OR PHONE OR VIDEO OR

BROADCAST

S7 196 S1(5N)S2

S8 81 S3(5N)S4(5N)S5

S9 0 S6(S)S7(S)S8

S10 39551 ACCEPT??? OR ACCEPTANCE OR ADMIT OR ADMITS OR
 ADMITT? OR T-
 AKE? ? OR TAKING OR ALLOW??? OR ALLOWANCE OR ENTER??? OR
 REGI-
 STER??? OR REGISTRATION OR POST??? OR ONLY

S11 131 S4(5N)S5(10N)S10
 S12 0 S6(S)S7(S)S11
 S13 171 S4(10N)S5(10N)S10
 S14 1 S7(S)S13
 S15 1 S7 AND S13
 S16 11 S1(S)S2(S)S4(S)S5(S)S10
 S17 5 S16 AND IC=(G06Q OR G06F OR G07F)
 S18 52 S1 AND S2 AND S4 AND S5 AND S10 AND IC=(G06Q OR G06F
 OR G0-
 7F)
 S19 37 S6 AND S18
 S20 6 S7 AND S4 AND S5 AND S10 AND IC=(G06Q OR G06F OR
 G07F)
 S21 16 S16 OR S20
 S22 16 IDPAT (sorted in duplicate/non-duplicate order)
 S23 16 IDPAT (primary/non-duplicate records only)

23/AN,AZ,TI/1 (Item 1 from file: 350)

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0016843329

**Location-based search system for e.g. baby item, has notification
 component
 to alert user when geo-tagged item e.g. baby item satisfies user`s
 geo-tag
 preferences e.g. seller preference**

Original Titles:

Query analysis for geographic-based listing service

Local Applications (No Type Date): US 2005267966 A 20051107

Priority Applications (no., kind, date): US 2005267966 A 20051107

23/AN,AZ,TI/2 (Item 2 from file: 350)

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0015523593

**Item auctioning method e.g. for car, involves selling item based on
 high
 bid, if remote seller selects option approving sale from option display
 format on internet browser**

Original Titles:

Computer-assisted method and apparatus for absentee sellers to participate in auctions and other sales

Local Applications (No Type Date): US 2004882658 A 20040702

Priority Applications (no., kind, date): US 2004882658 A 20040702

23/AN,AZ,TI/3 (Item 3 from file: 350)

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0015242827

Surface plasmon field-enhanced diffraction sensor for detecting analyte

e.g. biological analyte comprises periodic structure on metal substrate

having at least two distinct areas having receptor and separated by one

area without receptor

Original Titles:

Feldverstärkter Oberflächenplasmonenresonanzbeugungssensor

Surface plasmon field-enhanced diffraction sensor

Capteur a amplification par champ de plasmons de surface de diffraction

Surface plasmon-field-enhanced diffraction sensor

Local Applications (No Type Date): EP 20053435 A 20050217; US 200559931

A 20050217

Priority Applications (no., kind, date): EP 20043665 A 20040218

23/AN,AZ,TI/4 (Item 4 from file: 350)

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0014344740

Bioactive probe or chip for mass spectrometrically analyzing and/or identifying analyte, e.g. biomolecules in complex solution, has separate

addressable sites for analyte separation, processing and modification

Original Titles:

Bioactive chip mass spectrometry

Bioactive chip mass spectrometry

Local Applications (No Type Date): US 2000523762 A 20000311; US 2003357981 A 20030204; US 2003357981 A 20030204

Priority Applications (no., kind, date): US 2000523762 A 20000311; US 2003357981 A 20030204

23/AN,AZ,TI/5 (Item 5 from file: 350)

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0014233845

Processor for electronic trading of financial instrument, parses messages from market participants that bid/offer for sale of financial instrument and displays parsed data to receive bid/offer better than bid/offer prevailing in markets

Original Titles:

PRICE IMPROVEMENT PROCESSOR FOR ELECTRONIC TRADING OF FINANCIAL INSTRUMENTS
PREISVERBESSERUNGS-PROZESSOR FUR DEN ELEKTRONISCHEN HANDEL VON

KREDITINSTRUMENTEN

PRICE IMPROVEMENT PROCESSOR FOR ELECTRONIC TRADING OF FINANCIAL INSTRUMENTS

PROCESSEUR D'AMELIORATION DE PRIX POUR LE COMMERCE ELECTRONIQUE

D'INSTRUMENTS FINANCIERS

Price improvement processor for electronic trading of financial instruments

PRICE IMPROVEMENT PROCESSOR FOR ELECTRONIC TRADING OF FINANCIAL INSTRUMENTS

PROCESSEUR D'AMELIORATION DE PRIX POUR LE COMMERCE ELECTRONIQUE

D'INSTRUMENTS FINANCIERS

Local Applications (No Type Date): WO 2003US34475 A 20031030; AU 2003291661 A 20031030; US 2002422408 P 20021030; US 2003697851

A

20031030; EP 2003768550 A 20031030; WO 2003US34475 A 20031030; WO

2003US34475 A 20031030; JP 2004550250 A 20031030; AU 2003291661 A

20031030

Priority Applications (no., kind, date): US 2003697851 A 20031030; US 2002422408 P 20021030

23/AN,AZ,TI/6 (Item 6 from file: 350)

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0012939763

Media data creation method for television, PC, involves creating link to content of each presentation data for each different media data

Original Titles:

Method and system for creation, delivery, and presentation of time-synchronized multimedia presentations

METHOD AND SYSTEM FOR CREATION, DELIVERY, AND PRESENTATION OF TIME-SYNCHRONIZED MULTIMEDIA PRESENTATIONS

SYSTEME ET PROCEDE POUR LA CREATION, LA DELIVRANCE ET LA PRESENTATION DE

SUPPORTS MULTIMEDIA EN SYNCHRONISATION TEMPORELLE

Local Applications (No Type Date): US 2001267848 P 20010209; US 200271568

A 20020208; WO 2002US7030 A 20020307; AU 2002252235 A 20020307; WO

2002US7030 A 20020307

Priority Applications (no., kind, date): AU 2002252235 A 20020307; WO

2002US7030 A 20020307; US 2001267848 P 20010209; US 200271568

A

20020208

23/AN,AZ,TI/7 (Item 7 from file: 350)

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0012396035

Trading financial interests by using computer network to receive terms for proposed auction and non-auction transaction

Original Titles:

COMPUTERHANDEL MIT FINANZIELLEN ANTEILEN

COMPUTER TRADING OF FINANCIAL INTERESTS

NEGOCE INFORMATISE D'INTERETS FINANCIERS

Computer trading of financial interests

System and method for listing offerings of commercial paper and other interests

COMPUTER TRADING OF FINANCIAL INTERESTS

NEGOCE INFORMATISE D'INTERETS FINANCIERS

Local Applications (No Type Date): WO 2001US27137 A 20010830; AU

200188582 A 20010830; US 2000229173 P 20000830; US 2001943442

A

20010830; EP 2001968328 A 20010830; WO 2001US27137 A

20010830; US

2000229173 P 20000830; US 2001760196 A 20010112

Priority Applications (no., kind, date): US 2000229173 P 20000830; US

2001760196 A 20010112; US 2001943442 A 20010830

23/AN,AZ,TI/8 (Item 8 from file: 350)

DIALOG(R)File 350:(c) 2007 The Thomson Corporation. All rts. reserv.

0010972931

**Method of electronically displaying market commodity depth by
statically
displaying bids and asks in different colors**

Original Titles:

MAUS-GESTEURTER BAARSENHANDEL MIT INTUITIVER RASTERANZEIGE
DER MARKT-TIEFE

MAUS-GESTEURTER BORSENHANDEL MIT INTUITIVER RASTERANZEIGE DER
MARKT-TIEFE

CLICK BASED TRADING WITH INTUITIVE GRID DISPLAY OF MARKET DEPTH
TRANSACTION DECLENCHEE PAR UN CLIC AVEC AFFICHAGE INTUITIF DE
GRILLE DE

PROFONDEUR DE MARCHE

Local Applications (No Type Date): WO 2001US6792 A 20010302; AU
200147262

A 20010302; US 2000186322 P 20000302; US 2000590692 A
20000609; US

2001894637 A 20010627; WO 2001US6792 A 20010302; GB 200219306
A

20020819; US 2000186322 P 20000302; US 2000590692 A 20000609;
US

2002237131 A 20020909; BR 20018857 A 20010302; WO 2001US6792
A

20010302; KR 2002711423 A 20020830; EP 2001920183 A 20010302;
WO

2001US6792 A 20010302; GB 200219306 A 20020819; GB 200314601
A

20030623; JP 2001564025 A 20010302; WO 2001US6792 A 20010302;
US

2000186322 P 20000302; US 2000590692 A 20000609; US 2001894637
A

20010627; US 2000186322 P 20000302; US 2000590692 A 20000609;
WO

2001US6792 A 20010302; GB 200219306 A 20020819; GB 200219306
A

20010302; GB 200314601 A 20030623; US 2000186322 P 20000302;
US

2000590692 A 20000609; US 2004844523 A 20040513; WO
2001US6792 A

Priority Applications (no., kind, date): US 2000186322 P 20000302; US

2000590692 A 20000609; US 2000589751 A 20000609; US 2000238001
P
20001006; US 2001894637 A 20010627; US 2001971087 A 20011005;
US
2002237131 A 20020909; US 2004844523 A 20040513; US 200561554
A
20050218; US 2006415161 A 20060502; US 2006415163 A 20060502;
US
2006585905 A 20061025; US 2006585906 A 20061025; US 2006585907
A
20061025; US 2006585966 A 20061025

23/AN,AZ,TI/9 (Item 9 from file: 350)

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0010441667

**Internet based trading system for selling and buying of securities,
includes root server with master database and replica server having
a copy
of master database to communicate with users**

Original Titles:

System and method for conducting securities transactions over a computer network.

A SYSTEM AND METHOD FOR CONDUCTING SECURITIES TRANSACTIONS
OVER A COMPUTER
NETWORK

SYSTEME ET PROCEDE DE CONDUITE DE TRANSACTIONS DE VALEURS SUR
UN RESEAU
INFORMATIQUE

Local Applications (No Type Date): WO 2000US5150 A 20000229; AU
200032476

A 20000229; US 1999122208 P 19990301; US 1999292553 A
19990415

Priority Applications (no., kind, date): US 1999292553 A 19990415; US
1999122208 P 19990301; US 1999292552 A 19990415

23/AN,AZ,TI/10 (Item 10 from file: 350)

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0010044718

**Connection management system for telecommunications, includes
modular
connection management software to provide functionality to**

**represent
owner's interest in managing telecommunication connection**

Original Titles:

Method and System of Teleconferencing
Operating System for Telecommunications
System and method for conducting an auction over a communications network
Method and system for negotiating telecommunication resources
CONNECTION MANAGER FOR TELECOMMUNICATIONS
GESTIONNAIRE DE CONNEXION POUR TELECOMMUNICATIONS
Local Applications (No Type Date): WO 1999CA876 A 19990924; AU 199957250
A 19990924; CA 2264407 A 19990304; US 1998101857 P 19980925; WO 1999CA871 A 19990924; US 2001809421 A 20010316; CN 1999811350 A 19990924; US 1998101857 P 19980925; WO 1999CA872 A 19990924; US 2001803905 A 20010313; AU 199957249 A 19990924; AU 2004201892 A 20040506; AU 199958432 A 19990924; AU 2004201895 A 20040506; CN 1999811350 A 19990924; WO 1999CA873 A 19990924; IN 2001MN391 A 20010412; IN 2005MN645 A 20050622; AU 199957247 A 19990924; AU 2004202181 A 20040522; WO 1999CA873 A 19990924; IN 2001MN391 A 20010412; WO 1999CA872 A 19990924; IN 2001MN294 A 20010315; AU 2004202181 A 20040522; AU 2007200014 A 20070103
Priority Applications (no., kind, date): US 1998101857 P 19980925; CA 2264407 A 19990304; AU 2004201892 A 20040506; AU 2004201895 A 20040506; AU 2004202181 A 20040522; AU 2007200014 A 20070103

23/AN,AZ,TI/11 (Item 11 from file: 350)

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0008816795

**Electronic audio monitor worn on person for capturing TV and radio
embedded
signals for audience research - receives identification signals
generated
from real time digital clock of TV or radio broadcast corresponding to
which audio signal generator generates series of tones**

Original Titles:

Media monitor.

Local Applications (No Type Date): US 1995435550 A 19950505

Priority Applications (no., kind, date): US 1995435550 A 19950505

23/AN,AZ,TI/12 (Item 12 from file: 350)

DIALOG(R)File 350:(c) 2007 The Thomson Corporation. All rts. reserv.

0008577183

Measurement and analysis of movement of selected areas of living tissue -

by using data comprising speed variations, time delays between sequential

events, maximum speeds/accelerations and other indications of tissue

malfunction/coagulation

Original Titles:

Analyse und Messung zeitlicher Gewebegeschwindigkeitsinformationen

ANALYSIS AND MEASUREMENT FOR TIMEWISE TISSUE VELOCITY

INFORMATION

Analysis and measurement of temporal tissue velocity information.

Local Applications (No Type Date): DE 19732189 A 19970726; FR

19979578 A

19970728; JP 1997201345 A 19970728; US 1996719364 A 19960925;
IT

1997MI1726 A 19970722; JP 1997201345 A 19970728; JP 2007164874
A

20070622; JP 1997201345 A 19970728; JP 2007164875 A 20070622

Priority Applications (no., kind, date): NO 19963175 A 19960730

23/AN,AZ,TI/13 (Item 13 from file: 350)

DIALOG(R)File 350:(c) 2007 The Thomson Corporation. All rts. reserv.

0007657294

Digital processing system with intelligent posted write buffer and look-ahead instruction prefetch buffer - has CPU which sends signal to

intelligent posted write buffer (IPWB) to transfer any of portion of write-to-memory data located to CPU without first transferring any of

portion of write-to-memory data to main memory

Original Titles:

Memory subsystems having look-ahead instruction prefetch buffers and intelligent posted write buffers for increasing the throughput of digital computer systems

Local Applications (No Type Date): US 1994298988 A 19940831

Priority Applications (no., kind, date): US 1994298988 A 19940831

23/AN,AZ,TI/14 (Item 14 from file: 350)

DIALOG(R)File 350:(c) 2007 The Thomson Corporation. All rts. reserv.

0004730076

Autonomous radio clock corrected by received time information - includes auxiliary display for visual indication of reception quality

Original Titles:

Autonome Funkuhr

Autonome Funkuhr

Autonomous radio clock

Montre receptrice autonome

Autonome Funkuhr

Radio-controlled watch

Montre commandee par radio

Autonomous radio controlled timepiece

Local Applications (No Type Date): EP 1988115451 A 19880921; DE 3731956

A 19870923; US 1990598830 A 19901018; EP 1988115451 A 19880921; DE

3885990 A 19880921; EP 1988115451 A 19880921

Priority Applications (no., kind, date): DE 3731956 A 19870923

23/AN,AZ,TI/15 (Item 15 from file: 350)

DIALOG(R)File 350:(c) 2007 The Thomson Corporation. All rts. reserv.

0004497123

Flash A-D converter with high speed and resolution - converts successively produced codes, in encoder, into corresp. binary codes which are added to provide A-D converter output code

Original Titles:

Flash analog-to-digital converter

Local Applications (No Type Date): US 198775447 A 19870720

Priority Applications (no., kind, date): US 198775447 A 19870720

23/AN,AZ,TI/16 (Item 16 from file: 347)

DIALOG(R)File 347:(c) 2007 JPO & JAPIO. All rts. reserv.

06124649

COMPOUND RADIO AUCTION METHOD AND DEVICE THEREFOR

APPL. NO.: 09-228286 [JP 97228286]

~~Full text patent files

? show files;ds

File 348:EUROPEAN PATENTS 1978-2007/ 200744

(c) 2007 European Patent Office

File 349:PCT FULLTEXT 1979-2007/UB=20071115UT=20071108

(c) 2007 WIPO/Thomson

Set Items Description

S1 223720 BID OR BIDS OR BIDDING OR OFFER OR OFFERS OR TENDER
OR TEN-

DERS OR SUBMIT OR SUBMITS OR SUBMISSION OR SUBMISSIONS

S2 223720 BID OR BIDS OR BIDDING OR OFFER OR OFFERS OR TENDER
OR TEN-

DERS OR SUBMIT OR SUBMITS OR SUBMISSION OR SUBMISSIONS

S3 55178 (TIME OR MINUTE OR MINUTES OR SECOND OR
SECONDS)(3N)(STAMP-

??? OR INDICAT??? OR CODE? ? OR IDENTIF??? OR CIPHER OR

CIPHE-

RS OR LABEL??? OR CODING OR CODINGS) OR TIMESTAMP??? OR

DATES-

TAMP??? OR DATATAG OR DATATAGG??? OR TAG OR TAGG???

S4 220716 ACCEPT??? OR ACCEPTANCE OR ADMIT OR ADMITS OR
ADMITT? OR T-

AKE? ? OR TAKING OR ALLOW??? OR ALLOWANCE OR ENTER??? OR

REGI-

STER??? OR REGISTRATION OR POST??? OR ONLY

S5 128363 CURRENT OR REALTIME OR (REAL OR ACTUAL)()TIME OR
(NO OR "N-

OT" OR WITHOUT OR WITH()OUT)()(DELAY OR WAIT??? OR

PENDENCY OR

LAG OR TIMELAG) OR LIVE OR UP(3W)MINUTE OR NEWEST OR

MOST()R-

ECENT OR UPDATED

S6 218048 HIGH OR HIGHEST OR BEST OR UPPER OR TOP OR BIG OR
BIGG??? -

OR LARG??? OR GREATEST OR MOST OR MAXIMUM OR GOOD
S7 122961 CYBER OR CYBERSPACE OR VIRTUAL?? OR INTERNET OR
WEB OR ONL-

INE OR ON()LINE OR TV OR TELEVISION OR TELLY OR
HOME()SHOPPING
OR NETWORK OR TELEPHONE OR PHONE OR VIDEO OR
BROADCAST

S8 779 S2(5N)S3
S9 4784 S4(5N)S5(5N)S6
S10 7 S7(S)S8(S)S9
S11 10 S8(S)S9
S12 8 S11 AND IC=(G06Q OR G06F OR G07F)
S13 10 S10 OR S12
S14 166 S2(S)S3(S)S4(S)(S5(5N)S6)
S15 102 S7(S)S14
S16 13 S8(S)S15
S17 10 S16 AND IC=(G06Q OR G06F OR G07F)
S18 17 S13 OR S17
S19 17 IDPAT (sorted in duplicate/non-duplicate order)
S20 17 IDPAT (primary/non-duplicate records only)

20/AN,AZ,TI/1 (Item 1 from file: 348)

DIALOG(R)File 348:(c) 2007 European Patent Office. All rts. reserv.

01888484

**Systems and methods for secure transaction management and
electronic rights
protection**

**Systeme und Verfahren zur gesicherten
Transaktionsverwaltung und
elektronischem Rechtsschutz**

**Systemes et procedes de gestion de transactions securisees et de
protection
de droits electroniques**

APPLICATION (CC, No, Date): EP 2004078254 960213;

PRIORITY (CC, No, Date): US 388107 950213

20/AN,AZ,TI/2 (Item 2 from file: 348)

DIALOG(R)File 348:(c) 2007 European Patent Office. All rts. reserv.

01869029

**Systems and methods for secure transaction management and
electronic rights
protection**

**Systeme und Verfahren zur gesicherten
Transaktionsverwaltung und
elektronischem Rechtsschutz**

Systemes et procedes de gestion de transactions securisees et de protection

de droits electroniques

APPLICATION (CC, No, Date): EP 2004078194 960213;

PRIORITY (CC, No, Date): US 388107 950213

20/AN,AZ,TI/3 (Item 3 from file: 349)

DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

01537571

GENIUS ADAPTIVE DESIGN

MODELE D'ADAPTATION AU GENIE

Application: WO 2006US48704 20061219 (PCT/WO US2006048704)

20/AN,AZ,TI/4 (Item 4 from file: 349)

DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

01492303

PRINT REMOTELY TO A MOBILE DEVICE

IMPRESSION A DISTANCE POUR UN DISPOSITIF MOBILE

Application: WO 2005AU1416 20050919 (PCT/WO AU2005001416)

20/AN,AZ,TI/5 (Item 5 from file: 349)

DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

01473194

SYSTEM AND METHOD FOR LIMITING AGGRESSIVE TRADING IN AN ELECTRONIC TRADING

SYSTEM

SYSTEME ET PROCEDE DE LIMITATION D'UNE NEGOCIATION AGRESSIVE DANS UN

SYSTEME DE NEGOCIATION ELECTRONIQUE

Application: WO 2006US29679 20060728 (PCT/WO US2006029679)

20/AN,AZ,TI/6 (Item 6 from file: 349)

DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

01471524

SYSTEM AND METHOD FOR USING TRADER LISTS IN AN ELECTRONIC TRADING SYSTEM TO

ROUTE A TRADING ORDER WITH A RESERVED SIZE

SYSTEME ET PROCEDE D'UTILISATION DE LISTES DE NEGOCIATEURS DANS UN SYSTEME

DE NEGOCIATION ELECTRONIQUE POUR L'ACHEMINEMENT D'UN

**ORDRE COMMERCIAL A
TAILLE RESERVEE**

Application: WO 2006US29680 20060728 (PCT/WO US2006029680)

20/AN,AZ,TI/7 (Item 7 from file: 349)

DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

01469809

**SYSTEM AND METHOD FOR ROUTING TRADING ORDERS IN AN
ELECTRONIC TRADING**

SYSTEM USING TRADER LISTS

**SYSTEME ET PROCEDURE POUR L'ACHEMINEMENT D'ORDRES DE
TRANSACTION DANS UN**

**SYSTEME DE NEGOCIATION ELECTRONIQUE METTANT EN
OEUVRE DES LISTES DE**

NEGOCIANTS

Application: WO 2006US29472 20060728 (PCT/WO US2006029472)

20/AN,AZ,TI/8 (Item 8 from file: 349)

DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

01357270

**CONSISTENT SET OF INTERFACES DERIVED FROM A BUSINESS
OBJECT MODEL**

**ENSEMBLE COHERENT D'INTERFACES DERIVEES D'UN MODELE
D'OBJET COMMERCIAL**

Application: WO 2005US21481 20050617 (PCT/WO US2005021481)

20/AN,AZ,TI/9 (Item 9 from file: 349)

DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

01129704

DEAD NOZZLE COMPENSATION

COMPENSATION D'UNE BUSE HORS ETAT DE FONCTIONNEMENT

Application: WO 2003AU1616 20031202 (PCT/WO AU03001616)

20/AN,AZ,TI/10 (Item 10 from file: 349)

DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00826121

**APPARATUS, METHOD AND PROGRAM FOR A FIXED INCOME TRADING
SYSTEM**

**APPAREIL, PROCEDURE ET PROGRAMME POUR SYSTEME DE
NEGOCIATION DE VALEURS A**

REVENU FIXE

Application: WO 2001US3987 20010208 (PCT/WO US0103987)

20/AN,AZ,TI/11 (Item 11 from file: 349)

DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00826119

**DATA PROCESSING SYSTEM FOR CONDUCTING A MODIFIED ON-LINE
AUCTION**

**SYSTEME DE TRAITEMENT DE DONNEES UTILE POUR REALISER UNE
VENTE AUX ENCHERES**

EN-LIGNE MODIFIEE

Application: WO 2001US3935 20010207 (PCT/WO US0103935)

20/AN,AZ,TI/12 (Item 12 from file: 349)

DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00820476

**IMPROVED SYSTEM AND METHOD FOR INTERACTIVE
PROCESSING AND DISPLAY OF
INFORMATION**

**SYSTEME ET PROCEDE AMELIORES DESTINES AU TRAITEMENT
INTERACTIF ET A**

L'AFFICHAGE D'INFORMATIONS

Application: WO 2001US2105 20010122 (PCT/WO US0102105)

20/AN,AZ,TI/13 (Item 13 from file: 349)

DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00806389

**SCHEDULING AND PLANNING BEFORE AND PROACTIVE
MANAGEMENT DURING MAINTENANCE**

**AND SERVICE IN A NETWORK-BASED SUPPLY CHAIN
ENVIRONMENT**

**PROGRAMMATION ET PLANIFICATION ANTICIPEE, ET GESTION
PROACTIVE AU COURS DE**

**LA MAINTENANCE ET DE L'ENTRETIEN D'UN ENVIRONNEMENT
DU TYPE CHAINE**

D'APPROVISIONNEMENT RESEAUTEE

Application: WO 2000US32228 20001122 (PCT/WO US0032228)

20/AN,AZ,TI/14 (Item 14 from file: 349)

DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00777017

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A HOST
FRAMEWORK DESIGN IN
AN E-COMMERCE ARCHITECTURE
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION DESTINES A LA
CONCEPTION D'UNE
STRUCTURE D'ORDINATEUR CENTRAL DANS UNE
ARCHITECTURE DE COMMERCE
ELECTRONIQUE**

Application: WO 2000US20560 20000728 (PCT/WO US0020560)

20/AN,AZ,TI/15 (Item 15 from file: 349)

DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00761429

**METHODS, CONCEPTS AND TECHNOLOGY FOR A VIRTUAL SHOPPING
SYSTEM CAPABLE OF
ASSESSING NEEDS OF A CUSTOMER AND RECOMMENDING A
PRODUCT OR SERVICE
BASED ON SUCH ASSESSED NEEDS
PROCEDES, CONCEPTS ET TECHNOLOGIE POUR SYSTEME D'ACHAT
VIRTUEL CAPABLE
D'EVALUER LES BESOINS D'UN CLIENT ET DE RECOMMANDER UN
PRODUIT OU UN
SERVICE SUR LA BASE DE CES BESOINS**

Application: WO 2000US14357 20000524 (PCT/WO US0014357)

20/AN,AZ,TI/16 (Item 16 from file: 349)

DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00737987

**GLOBALLY TIME-SYNCHRONIZED SYSTEMS, DEVICES AND METHODS
SYSTEMES GLOBALEMENT SYNCHRONISES DANS LE TEMPS**

Application: WO 2000US5093 20000228 (PCT/WO US0005093)

Parent Application/Grant:

Related by Continuation to: US Not furnished (CIP)

20/AN,AZ,TI/17 (Item 17 from file: 349)

DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00418748

**SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT
AND ELECTRONIC RIGHTS
PROTECTION
SYSTEMES ET PROCEDES DE GESTION DE TRANSACTIONS**

**SECURISEES ET DE PROTECTION
DE DROITS ELECTRONIQUES**

Application: WO 97US15243 19970829 (PCT/WO US9715243)

~~Bibliographic NPL files

? show files;ds

File 2:INSPEC 1898-2007/Nov W1

(c) 2007 Institution of Electrical Engineers

File 35:Dissertation Abs Online 1861-2007/Jul

(c) 2007 ProQuest Info&Learning

File 65:Inside Conferences 1993-2007/Nov 19

(c) 2007 BLDSC all rts. reserv.

File 99:Wilson Appl. Sci & Tech Abs 1983-2007/Sep

(c) 2007 The HW Wilson Co.

File 474:New York Times Abs 1969-2007/Nov 19

(c) 2007 The New York Times

File 475:Wall Street Journal Abs 1973-2007/Nov 19

(c) 2007 The New York Times

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13

(c) 2002 The Gale Group

File 256:TecInfoSource 82-2007/Dec

(c) 2007 Info.Sources Inc

File 139:EconLit 1969-2007/Nov

(c) 2007 American Economic Association

Set Items Description

S1 660501 BID OR BIDS OR BIDDING OR OFFER OR OFFERS OR TENDER
OR TEN-

DERS OR SUBMIT OR SUBMITS OR SUBMISSION OR SUBMISSIONS

S2 660501 BID OR BIDS OR BIDDING OR OFFER OR OFFERS OR TENDER
OR TEN-

DERS OR SUBMIT OR SUBMITS OR SUBMISSION OR SUBMISSIONS

S3 2464 (TIME OR MINUTE OR MINUTES OR SECOND OR
SECONDS)(3N)(STAMP-

??? OR INDICAT??? OR CODE? ? OR IDENTIF??? OR CIPHER OR

CIPHE-

RS OR LABEL??? OR CODING OR CODINGS) OR TIMESTAMP??? OR

DATES-

TAMP??? OR DATATAG OR DATATAGG??? OR TAG OR TAGG???

S4 177501 ACCEPT??? OR ACCEPTANCE OR ADMIT OR ADMITS OR
ADMITT? OR T-

AKE? ? OR TAKING OR ALLOW??? OR ALLOWANCE OR ENTER??? OR

REGI-

STER??? OR REGISTRATION OR POST??? OR ONLY

S5 47263 CURRENT OR REALTIME OR (REAL OR ACTUAL)()TIME OR (NO
OR "N-

OT" OR WITHOUT OR WITH()OUT)()(DELAY OR WAIT??? OR
 PENDENCY OR
 LAG OR TIMELAG) OR LIVE OR UP(3W)MINUTE OR NEWEST OR
 MOST()R-
 ECENT OR UPDATED
 S6 201235 HIGH OR HIGHEST OR BEST OR UPPER OR TOP OR BIG OR
 BIGG??? -
 OR LARG??? OR GREATEST OR MOST OR MAXIMUM OR GOOD
 S7 121769 CYBER OR CYBERSPACE OR VIRTUAL?? OR INTERNET OR
 WEB OR ONL-
 INE OR ON()LINE OR TV OR TELEVISION OR TELLY OR
 HOME()SHOPPING
 OR NETWORK OR TELEPHONE OR PHONE OR VIDEO OR
 BROADCAST
 S8 222 S2(5N)S3
 S9 322 S4(5N)S5(5N)S6
 S10 0 S7(S)S8(S)S9
 S11 0 S8(S)S9
 S12 4258 S5(5N)S6
 S13 0 S8(S)S12
 S14 12 S2(10N)S3(10N)S5(10N)S6
 S15 10042 AUCTION OR AUCTIONS OR AUCTIONING OR
 COMPETITIVE()(BUYING -
 OR PURCHAS??? OR BIDDING OR BIDS) OR MATCHING()(SYSTEM
 OR SYS-
 TEMS) OR AUCTIONWORKS OR EBAY OR E()BAY
 S16 1 S2(S)S3(S)S5(S)S6(S)S15
 S17 7 S3(S)S6(S)S15
 S18 14 S3 AND S6 AND S15
 S19 26 S14 OR S16 OR S17 OR S18
 S20 16 S19 NOT PY>2003
 S21 15 S20 NOT PD=20031209:20071231
 S22 14 RD (unique items)

22/6/1 (Item 1 from file: 2)

08702000 INSPEC Abstract Number: B2003-09-6430-003, C2003-09-5260D-016

Title: Rule of three [Video editing solutions]

Publication Date: Feb. 2003

Copyright 2003, IEE

22/6/2 (Item 2 from file: 2)

08439645 INSPEC Abstract Number: C2002-12-7120-047

Title: Digital timestamps for dispute settlement in electronic commerce:

generation, verification, and renewal

Publication Date: 2002

Copyright 2002, IEE

22/6/3 (Item 3 from file: 2)

08387619 INSPEC Abstract Number: B2002-10-6135C-146, C2002-10-5260B-356

Title: A parallel algorithm for lossy DPCM coding of images

Publication Date: 2001

Copyright 2002, IEE

22/6/4 (Item 4 from file: 2)

08077878 INSPEC Abstract Number: C2001-12-7130-027

Title: Informing and evaluating a metadata initiative: usability and metadata studies in Minnesota's Foundations Project

Publication Date: 2001

Copyright 2001, IEE

22/6/5 (Item 5 from file: 2)

07222335 INSPEC Abstract Number: B1999-05-6430H-009, C1999-05-6120-022

Title: CD-ROM jukebox management software: the next (or the last?) generation

Publication Date: March 1999

Copyright 1999, IEE

22/6/6 (Item 6 from file: 2)

05929771 INSPEC Abstract Number: C9506-3390M-001

Title: Actuation redundancy in a closed-chain robot mechanism

Publication Date: 1993

Copyright 1995, IEE

22/6/7 (Item 7 from file: 2)

02709601 INSPEC Abstract Number: A81062331, B81034568

Title: A hybrid real time/B scan ultrasonic system. Implications for clinical practice based on a two-year experience

Publication Date: April 1981

22/6/8 (Item 8 from file: 2)

01444285 INSPEC Abstract Number: B72037105

Title: Accurate time, quartz controlled

Publication Date: 10 May 1972

22/6/9 (Item 1 from file: 35)

01883760 ORDER NO: AADAA-I3050590

Essays on auctions and markets

Year: 2002

22/6/10 (Item 2 from file: 35)

01606967 ORDER NO: AADNQ-20562

ESSAYS IN FIRM BEHAVIOUR: COOPERATIVE R&D AND COMPETITIVE BIDDING

Year: 1997

22/6/11 (Item 3 from file: 35)

01194078 ORDER NO: AAD92-00907

**MARKET IMPERFECTIONS AND THE PRICING OF SHORT TERM TREASURY SECURITIES:
THREE ESSAYS (SECURITIES PRICES)**

Year: 1991

22/6/12 (Item 1 from file: 474)

07976157 NYT Sequence Number: 581941020827

PRICE TAG AND LOCAL POLITICS DAMP INTEREST IN HERSHEY

Tuesday August 27 2002

22/6/13 (Item 1 from file: 475)

08119649 NYT Sequence Number: 000000011127

TELECOM SPECIAL: IN BANKRUPTCY, PSINET GETS '90% OFF' TAG

Tuesday November 27 2001

22/6/14 (Item 1 from file: 583)

09539574

First Bank offer investors loans to buy Chunghwa Telecom shares

TAIWAN: CHUNGHWA TELECOM INVESTORS TO GET LOANS

07 Jun 2001

~~Full text NPL files - 1

? show files;ds

File 20:Dialog Global Reporter 1997-2007/Nov 20

(c) 2007 Dialog

Set	Items	Description
S1	367096	(TIME OR MINUTE OR MINUTES OR SECOND OR SECONDS)(3N)(STAMP- ??? OR INDICAT??? OR CODE? ? OR IDENTIF??? OR CIPHER OR CIPHE- RS OR LABEL??? OR CODING OR CODINGS) OR TIMESTAMP??? OR DATES- TAMP??? OR DATATAG OR DATATAGG??? OR TAG OR TAGG???
S2	91971	BID OR BIDS OR BIDDING OR OFFER OR OFFERS OR TENDER OR TEN- DERS OR SUBMIT OR SUBMITS OR SUBMISSION OR SUBMISSIONS
S3	367096	(TIME OR MINUTE OR MINUTES OR SECOND OR SECONDS)(3N)(STAMP- ??? OR INDICAT??? OR CODE? ? OR IDENTIF??? OR CIPHER OR CIPHE- RS OR LABEL??? OR CODING OR CODINGS) OR TIMESTAMP??? OR DATES- TAMP??? OR DATATAG OR DATATAGG??? OR TAG OR TAGG???
S4	293471	ACCEPT??? OR ACCEPTANCE OR ADMIT OR ADMITS OR ADMITT? OR T- AKE? ? OR TAKING OR ALLOW??? OR ALLOWANCE OR ENTER??? OR REGI- STER??? OR REGISTRATION OR POST??? OR ONLY
S5	106424	CURRENT OR REALTIME OR (REAL OR ACTUAL)()TIME OR (NO OR "N- OT" OR WITHOUT OR WITH()OUT)()(DELAY OR WAIT??? OR PENDENCY OR LAG OR TIMELAG) OR LIVE OR UP(3W)MINUTE OR NEWEST OR MOST()R- ECENT OR UPDATED
S6	273174	HIGH OR HIGHEST OR BEST OR UPPER OR TOP OR BIG OR BIGG??? - OR LARG??? OR GREATEST OR MOST OR MAXIMUM OR GOOD
S7	171358	CYBER OR CYBERSPACE OR VIRTUAL?? OR INTERNET OR WEB OR ONL- INE OR ON()LINE OR TV OR TELEVISION OR TELLY OR HOME()SHOPPING OR NETWORK OR TELEPHONE OR PHONE OR VIDEO OR BROADCAST
S8	2789	S2(5N)S3
S9	1183	S4(5N)S5(5N)S6
S10	0	S7(S)S8(S)S9
S11	1	S8(S)S9
S12	235	S2(10N)S3(10N)S5(10N)S6
S13	69	S7(S)S12
S14	57	S7(10N)S12
S15	8761	AUCTION OR AUCTIONS OR AUCTIONING OR

COMPETITIVE()(BUYING -
OR PURCHAS??? OR BIDDING OR BIDS) OR MATCHING()(SYSTEM
OR SYS-

TEMS) OR AUCTIONWORKS OR EBAY OR E()BAY

S16 6 S12(S)S15
S17 134 S2(S)S3(S)S5(S)S6(S)S15
S18 97 S7(S)S17
S19 3 S15(S)(S2(10N)S3)(S)(S5(10N)S6)
S20 3 S8(S)S18
S21 3 S8(S)S17
S22 2137 S2(S)S3(S)S4(S)S5(S)S6
S23 128 S15(S)S22
S24 811 S2(20N)S3(20N)S4(20N)S5(20N)S6
S25 351 S7(S)S24
S26 16 S15(S)S25
S27 24 S15(S)S24
S28 27 S16 OR S19 OR S27
S29 16 S28 NOT PY>2003
S30 16 S29 NOT PD=20031209:20071231
S31 15 RD (unique items)

31/6/1

31740111 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Edomex slates end-October for rail auction - Mexico

October 15, 2003

WORD COUNT: 251

31/6/2

30502313 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Zaldiva Partners With ShopSite For E-Commerce Solutions

August 04, 2003

WORD COUNT: 577

31/6/3

29623474 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Squatters Register Potential Charlotte, N.C., Basketball Team's Web

Addresses

June 12, 2003

WORD COUNT: 507

31/6/4

26112404 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Owners Turn to Auctions amid Slowdown in Denver Luxury Housing Market Down

November 17, 2002
WORD COUNT: 505

31/6/5

19354981 (USE FORMAT 7 OR 9 FOR FULLTEXT)
TAIWAN 3G LICENSES TO BE AUCTIONED AT YEAR-END
October 17, 2001
WORD COUNT: 344

31/6/6

17169112 (USE FORMAT 7 OR 9 FOR FULLTEXT)
UK Vacation Auction Portal Hits It Big - Correction
June 11, 2001
WORD COUNT: 438

31/6/7

17115315 (USE FORMAT 7 OR 9 FOR FULLTEXT)
UK Vacation Auction Portal Hits It Big
June 07, 2001
WORD COUNT: 421

31/6/8

15433046 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Machinists Union Denies Tie to Late TWA Bid
March 03, 2001
WORD COUNT: 725

31/6/9

13725054 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Maple Leaf Gardens auction preview times set
November 10, 2000
WORD COUNT: 476

31/6/10

12376303 (USE FORMAT 7 OR 9 FOR FULLTEXT)
City & Finance: Broadcasting's New Aristocrats Turn Up The Heat On Old Players
June 15, 2000
WORD COUNT: 790

31/6/11

11339805 (USE FORMAT 7 OR 9 FOR FULLTEXT)

To bid or not to bid: France sets rules for mobile phone licences

June 04, 2000

WORD COUNT: 655

31/6/12

10800293 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**RedLadder.com and MessageBlaster Partner to Offer Leading Edge,
One-to-Many**

Communication Services to Contractors

May 01, 2000

WORD COUNT: 639

31/6/13

10463338 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Electronics Times: Veba plans to auction its distribution businesses

March 27, 2000

WORD COUNT: 291

31/6/14

04651548 (USE FORMAT 7 OR 9 FOR FULLTEXT)

UPC boss slams cablelink plan

March 04, 1999

WORD COUNT: 289

31/6/15

01377883 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Russian Official: No Threat Rosneft Sale Will Fall Through

March 20, 1998

WORD COUNT: 176

~~Full text NPL files - 2

? show files;ds

File 9:Business & Industry(R) Jul/1994-2007/Nov 13

(c) 2007 The Gale Group

File 15:ABI/Inform(R) 1971-2007/Nov 17

(c) 2007 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2007/Nov 16

(c) 2007 The Gale Group

File 148:Gale Group Trade & Industry DB 1976-2007/Nov 13

(c)2007 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 275:Gale Group Computer DB(TM) 1983-2007/Nov 15
 (c) 2007 The Gale Group
 File 476:Financial Times Fulltext 1982-2007/Nov 20
 (c) 2007 Financial Times Ltd
 File 13:BAMP 2007/Nov W3
 (c) 2007 The Gale Group

Set Items Description

S1 440843 (TIME OR MINUTE OR MINUTES OR SECOND OR
 SECONDS)(3N)(STAMP-
 ??? OR INDICAT??? OR CODE? ? OR IDENTIF??? OR CIPHER OR
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 RS OR LABEL??? OR CODING OR CODINGS) OR TIMESTAMP??? OR
 DATES-
 TAMP??? OR DATATAG OR DATATAGG??? OR TAG OR TAGG???
 S2 169996 BID OR BIDS OR BIDDING OR OFFER OR OFFERS OR TENDER
 OR TEN-
 DERS OR SUBMIT OR SUBMITS OR SUBMISSION OR SUBMISSIONS
 S3 440843 (TIME OR MINUTE OR MINUTES OR SECOND OR
 SECONDS)(3N)(STAMP-
 ??? OR INDICAT??? OR CODE? ? OR IDENTIF??? OR CIPHER OR
 CIPHE-
 RS OR LABEL??? OR CODING OR CODINGS) OR TIMESTAMP??? OR
 DATES-
 TAMP??? OR DATATAG OR DATATAGG??? OR TAG OR TAGG???
 S4 337338 ACCEPT??? OR ACCEPTANCE OR ADMIT OR ADMITS OR
 ADMITT? OR T-
 AKE? ? OR TAKING OR ALLOW??? OR ALLOWANCE OR ENTER??? OR
 REGI-
 STER??? OR REGISTRATION OR POST??? OR ONLY
 S5 182072 CURRENT OR REALTIME OR (REAL OR ACTUAL)()TIME OR
 (NO OR "N-
 OT" OR WITHOUT OR WITH()OUT)()(DELAY OR WAIT??? OR
 PENDENCY OR
 LAG OR TIMELAG) OR LIVE OR UP(3W)MINUTE OR NEWEST OR
 MOST()R-
 ECENT OR UPDATED
 S6 352339 HIGH OR HIGHEST OR BEST OR UPPER OR TOP OR BIG OR
 BIGG??? -
 OR LARG??? OR GREATEST OR MOST OR MAXIMUM OR GOOD
 S7 265535 CYBER OR CYBERSPACE OR VIRTUAL?? OR INTERNET OR
 WEB OR ONL-
 INE OR ON()LINE OR TV OR TELEVISION OR TELLY OR
 HOME()SHOPPING
 OR NETWORK OR TELEPHONE OR PHONE OR VIDEO OR
 BROADCAST

S8 4929 S2(5N)S3
 S9 3239 S4(5N)S5(5N)S6
 S10 3 S7(S)S8(S)S9
 S11 3 S8(S)S9
 S12 333 S2(10N)S3(10N)S4(10N)S5(10N)S6
 S13 167 S7(S)S12
 S14 10449 AUCTION OR AUCTIONS OR AUCTIONING OR
 COMPETITIVE()(BUYING -
 OR PURCHAS??? OR BIDDING OR BIDS) OR MATCHING()(SYSTEM
 OR SYS-
 TEMS) OR AUCTIONWORKS OR EBAY OR E()BAY
 S15 5 S13(S)S14
 S16 5 S12(S)S14
 S17 143 S7(10N)S12
 S18 67 S8(S)S12
 S19 2 S14(S)S18
 S20 70 S10 OR S15 OR S18
 S21 42 S20 NOT PY>2003
 S22 42 S21 NOT PD=20031209:20071231
 S23 30 RD (unique items)

23/6/1 (Item 1 from file: 9)

02467601 Supplier Number: 24885770 (USE FORMAT 7 OR 9 FOR
FULLTEXT)

UK Vacation Auction Portal Hits It Big

June 06, 2001

WORD COUNT: 446

23/6/2 (Item 1 from file: 15)

02422258 186586771

****USE FORMAT 7 OR 9 FOR FULL TEXT****

RF ID tagging: Tracking your parts

Sep 2002 LENGTH: 2 Pages

WORD COUNT: 1439

23/6/3 (Item 2 from file: 15)

02333587 110671197

****USE FORMAT 7 OR 9 FOR FULL TEXT****

The evolution of the PC

Apr 2002 LENGTH: 6 Pages

WORD COUNT: 3176

23/6/4 (Item 3 from file: 15)

02171453 73434884

****USE FORMAT 7 OR 9 FOR FULL TEXT****

Once bitten

May 2001 LENGTH: 3 Pages
WORD COUNT: 2452

23/6/5 (Item 4 from file: 15)

02070604 61061037

****USE FORMAT 7 OR 9 FOR FULL TEXT****

Free Web trading for the masses!

Sep 2000 LENGTH: 1 Pages
WORD COUNT: 666

23/6/6 (Item 5 from file: 15)

01896436 05-47428

****USE FORMAT 7 OR 9 FOR FULL TEXT****

Attention online shoppers

Sep 1999 LENGTH: 2 Pages
WORD COUNT: 1115

23/6/7 (Item 1 from file: 16)

09828411 Supplier Number: 87028889 (USE FORMAT 7 FOR FULLTEXT)

E! Trails MTV into voyeur TV.(Brief Article)

June 3, 2002

Word Count: 737

23/6/8 (Item 2 from file: 16)

08637614 Supplier Number: 74630807 (USE FORMAT 7 FOR FULLTEXT)

Retail Trade Group Embraces New Electronic Signatures Technology From

Checkpoint Systems.

May 17, 2001

Word Count: 1051

23/6/9 (Item 3 from file: 16)

08064281 Supplier Number: 66893505 (USE FORMAT 7 FOR FULLTEXT)

(0) Microsoft Office 10 Beta 2 on the Horizon.(Microsoft Office 10 Beta 2

on the Horizon --)

Nov 10, 2000

Word Count: 3822

23/6/10 (Item 4 from file: 16)

08032529 Supplier Number: 66797984 (USE FORMAT 7 FOR FULLTEXT)

AXCESS to Unveil New Internet Service at COMDEX; Supervisor Information

System Provides Real-Time Enterprise Monitoring With Instant Alert Notification.

Nov 10, 2000

Word Count: 551

23/6/11 (Item 5 from file: 16)

08017287 Supplier Number: 66667048 (USE FORMAT 7 FOR FULLTEXT)

Microsoft Office 10 Beta 2 on the Horizon.(Microsoft Office 10 Beta 2 on

the Horizon --)(Software Review)(Evaluation)

Nov 3, 2000

Word Count: 3643

23/6/12 (Item 6 from file: 16)

07936825 Supplier Number: 66303888 (USE FORMAT 7 FOR FULLTEXT)

INVESTING: Free Trading for the Masses!: Financial Caf may not be a huge

threat, but a little paranoia is good.

Sept, 2000

Word Count: 1013

23/6/13 (Item 7 from file: 16)

07797613 Supplier Number: 65161585 (USE FORMAT 7 FOR FULLTEXT)

Office 10 Off To a Good Start.(Office 10 Off To a Good Start - We took at

look at Beta 1 of Microsoft's next version of Office. Due in the middle

of next year, Office 10 looks promising.)(Evaluation)

August 29, 2000

Word Count: 3380

23/6/14 (Item 8 from file: 16)

06276120 Supplier Number: 54403779 (USE FORMAT 7 FOR FULLTEXT)

Ligos Technology Announces Major Breakthrough in MPEG-2 Encoding

Technology.

April 19, 1999

Word Count: 655

23/6/15 (Item 9 from file: 16)

05566866 Supplier Number: 48431485 (USE FORMAT 7 FOR FULLTEXT)

**WRISTWATCH.COM Will Go Out of Their Way to Satisfy All of Your
Timepiece
Needs!**

April 20, 1998

Word Count: 253

23/6/16 (Item 10 from file: 16)

05400885 Supplier Number: 54486106 (USE FORMAT 7 FOR FULLTEXT)

Streaming Becomes Interactive.

Oct, 1997

Word Count: 204

23/6/17 (Item 11 from file: 16)

04580790 Supplier Number: 46734013 (USE FORMAT 7 FOR FULLTEXT)

**Internet Access: Cisco's new tag switching technology fuses routing
and**

**switching for scalable, high-performance networks. Technology
extends**

company's set of multilayer switching solutions

Sept 23, 1996

Word Count: 1594

23/6/18 (Item 12 from file: 16)

01794609 Supplier Number: 42258754 (USE FORMAT 7 FOR FULLTEXT)

Private Debt Deal

August, 1991

Word Count: 2180

23/6/19 (Item 1 from file: 148)

12147467 SUPPLIER NUMBER: 61796159 (USE FORMAT 7 OR 9 FOR
FULL TEXT)

Tips for Getting Money's Worth From Online Auctions.

April 10, 2000

WORD COUNT: 619 LINE COUNT: 00051

23/6/20 (Item 2 from file: 148)

11400856 SUPPLIER NUMBER: 56057645 (USE FORMAT 7 OR 9 FOR
FULL TEXT)

**Attention online shoppers.(use of electronic commerce in food
service)**

Sept, 1999

WORD COUNT: 990 LINE COUNT: 00081

23/6/21 (Item 3 from file: 148)

09007027 SUPPLIER NUMBER: 18712561 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Internet access: Cisco's new tag switching technology fuses routing and

switching for scalable, high-performance networks. Technology extends

company's set of multilayer switching solutions. (will apply to Cisco 7500 routers, Cisco LightStream 1010 ATM switches) (Company

Business and

Marketing)

Sep 23, 1996

WORD COUNT: 1724 LINE COUNT: 00147

23/6/22 (Item 4 from file: 148)

06110644 SUPPLIER NUMBER: 12525203 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Selling lawn and garden this fall; let flower bulbs lead the way.

August, 1992

WORD COUNT: 1177 LINE COUNT: 00092

23/6/23 (Item 5 from file: 148)

04158905 SUPPLIER NUMBER: 08048633 (USE FORMAT 7 OR 9 FOR FULL TEXT)

In search of software for technical analysis. (evaluation)

Oct, 1989

WORD COUNT: 1430 LINE COUNT: 00112

23/6/24 (Item 1 from file: 160)

01653860

Sensormatic Electronics - Product Specifications.

1986

23/6/25 (Item 1 from file: 275)

02450335 SUPPLIER NUMBER: 66888845 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Microsoft Office 10 Beta 2 on the Horizon.(Microsoft Office 10 Beta 2 on

the Horizon --)

Nov 10, 2000

WORD COUNT: 3822 LINE COUNT: 00286

23/6/26 (Item 2 from file: 275)

02449730 SUPPLIER NUMBER: 66797728 (USE FORMAT 7 OR 9 FOR FULL TEXT)

(2) Microsoft Office 10 Beta 2 on the Horizon.(Microsoft Office 10 Beta 2

on the Horizon --)(News Briefs)

Nov 3, 2000

WORD COUNT: 3822 LINE COUNT: 00286

23/6/27 (Item 3 from file: 275)

02144384 SUPPLIER NUMBER: 20205698 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The terrors of translation tables.(SQL for Smarties) (Technology Tutorial)(Tutorial)(Column)

Feb, 1998

WORD COUNT: 2540 LINE COUNT: 00190

23/6/28 (Item 4 from file: 275)

02020440 SUPPLIER NUMBER: 19010979 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Affordable, portable notebook PCs. (includes related articles on how to

read ratings boxes, Editors' Choice, price/performance index, battery

life, benchmark tests, summary of features)(overview of 27 evaluations of

value-priced notebook computers) (individual evaluation records searchable under "Affordable, Portable Notebook PCs") (Hardware Review)(Evaluation)(Cover Story)

Jan 21, 1997

WORD COUNT: 6730 LINE COUNT: 00514

23/6/29 (Item 1 from file: 13)

00699182 Supplier Number: 25654055 (USE FORMAT 7 OR 9 FOR FULLTEXT)

The Story of E

April 2000

WORD COUNT: 2519

23/6/30 (Item 2 from file: 13)

00587486 Supplier Number: 24339110 (USE FORMAT 7 OR 9 FOR FULLTEXT)

How Customer-Friendly Is Your Voice Mail?

August 1998

WORD COUNT: 346

~~Full text NPL files - 3

? show files;ds

File 610:Business Wire 1999-2007/Nov 20

(c) 2007 Business Wire.

File 613:PR Newswire 1999-2007/Nov 20

(c) 2007 PR Newswire Association Inc

File 621:Gale Group New Prod.Annou.(R) 1985-2007/Nov 14

(c) 2007 The Gale Group

File 624:McGraw-Hill Publications 1985-2007/Nov 19

(c) 2007 McGraw-Hill Co. Inc

File 634:San Jose Mercury Jun 1985-2007/Nov 16

(c) 2007 San Jose Mercury News

File 636:Gale Group Newsletter DB(TM) 1987-2007/Nov 16

(c) 2007 The Gale Group

File 810:Business Wire 1986-1999/Feb 28

(c) 1999 Business Wire

File 813:PR Newswire 1987-1999/Apr 30

(c) 1999 PR Newswire Association Inc

File 56:Computer and Information Systems Abstracts 1966-2007/Oct

(c) 2007 CSA.

Set Items Description

S1 177241 (TIME OR MINUTE OR MINUTES OR SECOND OR
SECONDS)(3N)(STAMP-

??? OR INDICAT??? OR CODE? ? OR IDENTIF??? OR CIPHER OR

CIPHE-

RS OR LABEL??? OR CODING OR CODINGS) OR TIMESTAMP??? OR

DATES-

TAMP??? OR DATATAG OR DATATAGG??? OR TAG OR TAGG???

S2 59948 BID OR BIDS OR BIDDING OR OFFER OR OFFERS OR TENDER
OR TEN-

DERS OR SUBMIT OR SUBMITS OR SUBMISSION OR SUBMISSIONS

S3 177241 (TIME OR MINUTE OR MINUTES OR SECOND OR
SECONDS)(3N)(STAMP-

??? OR INDICAT??? OR CODE? ? OR IDENTIF??? OR CIPHER OR

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RS OR LABEL??? OR CODING OR CODINGS) OR TIMESTAMP??? OR

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TAMP??? OR DATATAG OR DATATAGG??? OR TAG OR TAGG???

S4 130088 ACCEPT??? OR ACCEPTANCE OR ADMIT OR ADMITS OR
ADMITT? OR T-

AKE? ? OR TAKING OR ALLOW??? OR ALLOWANCE OR ENTER??? OR

REGI-

STER??? OR REGISTRATION OR POST??? OR ONLY

S5 76340 CURRENT OR REALTIME OR (REAL OR ACTUAL)()TIME OR (NO
 OR "N-
 OT" OR WITHOUT OR WITH()OUT)()(DELAY OR WAIT??? OR
 PENDENCY OR
 LAG OR TIMELAG) OR LIVE OR UP(3W)MINUTE OR NEWEST OR
 MOST()R-
 ECENT OR UPDATED
 S6 133035 HIGH OR HIGHEST OR BEST OR UPPER OR TOP OR BIG OR
 BIGG??? -
 OR LARG??? OR GREATEST OR MOST OR MAXIMUM OR GOOD
 S7 109785 CYBER OR CYBERSPACE OR VIRTUAL?? OR INTERNET OR
 WEB OR ONL-
 INE OR ON()LINE OR TV OR TELEVISION OR TELLY OR
 HOME()SHOPPING
 OR NETWORK OR TELEPHONE OR PHONE OR VIDEO OR
 BROADCAST
 S8 2034 S2(5N)S3
 S9 879 S4(5N)S5(5N)S6
 S10 2 S7(S)S8(S)S9
 S11 3 S8(S)S9
 S12 6 S8(S)(S4(10N)S5(10N)S6)
 S13 174 S2(10N)S3(10N)S4(10N)S5(10N)S6
 S14 92 S7(S)S13
 S15 88 S7(20N)S13
 S16 84 S7(10N)S13
 S17 3284 AUCTION OR AUCTIONS OR AUCTIONING OR
 COMPETITIVE() (BUYING -
 OR PURCHAS??? OR BIDDING OR BIDS) OR MATCHING() (SYSTEM
 OR SYS-
 TEMS) OR AUCTIONWORKS OR EBAY OR E()BAY
 S18 0 S13(S)S17
 S19 49 S2(S)S3(S)S4(S)S5(S)S6(S)S17
 S20 133 S16 OR S19
 S21 94 S20 NOT (FIRST OR 1ST OR SECOND OR 2ND OR THIRD OR
 3RD)()Q-
 UARTER
 S22 49 S21 NOT PY>2003
 S23 49 S22 NOT PD=20031209:20071231
 S24 37 RD (unique items)

24/6/1 (Item 1 from file: 610)

00672607 20020228059B3086 (USE FORMAT 7 FOR FULLTEXT)

MainConcept Enters into Licensing Agreement With Ulead Systems;

MainConcept's MPEG Technology Provides Foundation For Enhanced MPEG Speed and Quality

Thursday, February 28, 2002 15:43 EST

WORD COUNT: 510

24/6/2 (Item 2 from file: 610)

00406360 20001110315B3945 (USE FORMAT 7 FOR FULLTEXT)

AXCESS to Unveil New Internet Service at COMDEX; Supervisor Information

System Provides Real-Time Enterprise Monitoring With Instant Alert

Notification

Friday, November 10, 2000 09:01 EST

WORD COUNT: 529

24/6/3 (Item 3 from file: 610)

00352471 20000829242B7958 (USE FORMAT 7 FOR FULLTEXT)

Xcert and TidePoint Partner to Enable Secure e-Business Connectivity;

Advanced PKI Security Services Integrated into Business Partner

Infrastructure to Enable Secure B2B Connections

Tuesday, August 29, 2000 08:19 EDT

WORD COUNT: 493

24/6/4 (Item 4 from file: 610)

00125866 19991025298B1089 (USE FORMAT 7 FOR FULLTEXT)

Cogit Corp. Becomes Cogit.com, a Leading Provider of Real-Time, Relevant

eMarketing Services; Cogit.com Announces First eMarketing Services,

RealProfile and RealTarget

Monday, October 25, 1999 08:23 EDT

WORD COUNT: 781

24/6/5 (Item 5 from file: 610)

00031218 19990419109B0212 (USE FORMAT 7 FOR FULLTEXT)

C-Cube Powers Avid, Matrox, Pinnacle, FAST and Accom Video Editing Systems

Monday, April 19, 1999 08:57 EDT

WORD COUNT: 675

24/6/6 (Item 6 from file: 610)

00031043 19990419109B0066 (USE FORMAT 7 FOR FULLTEXT)

Ligos Technology Announces Major Breakthrough in MPEG-2 Encoding Technology

Monday, April 19, 1999 06:47 EDT
WORD COUNT: 687

24/6/7 (Item 1 from file: 613)

00971034 20030425CGF050 (USE FORMAT 7 FOR FULLTEXT)

Chicago Pen Show Draws Fountain Pen Lovers from World

Friday, April 25, 2003 16:49 EDT

WORD COUNT: 589

24/6/8 (Item 2 from file: 613)

00790265 20020702DCTU027 (USE FORMAT 7 FOR FULLTEXT)

Group 1 Enhances HotData Online Data Quality Solution

Tuesday, July 2, 2002 12:07 EDT

WORD COUNT: 762

24/6/9 (Item 3 from file: 613)

00636856 20010905SFW002 (USE FORMAT 7 FOR FULLTEXT)

Newstakes Announces Packet Choice - Enabling Packet Switched Networks, And Portals to Offer End-Users A Choice for Streaming Video Viewing And Cost Control

Wednesday, September 5, 2001 08:02 EDT

WORD COUNT: 377

24/6/10 (Item 4 from file: 613)

00364666 20000629NYTH075 (USE FORMAT 7 FOR FULLTEXT)

Authentidate.Com Inks Pilot License Agreement with Ilumin for Digital

Signature Technology

Thursday, June 29, 2000 11:39 EDT

WORD COUNT: 803

24/6/11 (Item 5 from file: 613)

00343243 20000530LATU015 (USE FORMAT 7 FOR FULLTEXT)

Warburg, Chase - Hookt on Hip-Hop'

Tuesday, May 30, 2000 08:05 EDT

WORD COUNT: 959

24/6/12 (Item 6 from file: 613)

00303658 20000403SFM032 (USE FORMAT 7 FOR FULLTEXT)

Artmecca.Com Expands International Strategy to Deliver Art Around

the Globe

Monday, April 3, 2000 08:10 EDT

WORD COUNT: 797

24/6/13 (Item 7 from file: 613)

00252198 20000125SFTU115 (USE FORMAT 7 FOR FULLTEXT)

New Company Xenote Allows Consumers to 'Bookmark The Real World' with Fun, Personal Internet Device

Tuesday, January 25, 2000 11:00 EST

WORD COUNT: 675

24/6/14 (Item 8 from file: 613)

00183165 19990927SFM062 (USE FORMAT 7 FOR FULLTEXT)

Bigstep.com Enhanced Edition Debuts: Introduces Easy, Two-Step Merchant

Account Activation - In 72 Hours, Small Businesses Can Take Credit-Card

Orders On the Web

Monday, September 27, 1999 08:04 EDT

WORD COUNT: 1,066

24/6/15 (Item 9 from file: 613)

00136244 19990707SFW012 (USE FORMAT 7 FOR FULLTEXT)

Bigstep.com Brings the Internet Revolution to Main Street by Helping Small

Businesses Get Ahead on the Web - Not Just On It

Wednesday, July 7, 1999 11:00 EDT

WORD COUNT: 1,140

24/6/16 (Item 1 from file: 621)

03021147 Supplier Number: 79331421 (USE FORMAT 007 FOR FULLTEXT)

Fujitsu Unveils World's Smallest, Full-Featured Notebook Starting at \$1,499.

Oct 22, 2001

Word Count: 1437

24/6/17 (Item 2 from file: 621)

02751922 Supplier Number: 67680491 (USE FORMAT 007 FOR FULLTEXT)

HostLogic Offers Small Florida School Districts Free World Class Management

System.

Dec 7, 2000

Word Count: 328

24/6/18 (Item 3 from file: 621)

01639913 Supplier Number: 48431485 (USE FORMAT 007 FOR FULLTEXT)

**WRISTWATCH.COM Will Go Out of Their Way to Satisfy All of Your
Timepiece
Needs!**

April 20, 1998

Word Count: 253

24/6/19 (Item 4 from file: 621)

01601344 Supplier Number: 48244552 (USE FORMAT 007 FOR FULLTEXT)

**Tag-It Pacific Lists Its Initial Public Offering On The American Stock
Exchange**

Jan 23, 1998

Word Count: 370

24/6/20 (Item 5 from file: 621)

01474182 Supplier Number: 47035554 (USE FORMAT 007 FOR FULLTEXT)

**DynaStar Multi-service Access Switches Now Available with SecurID
Authentication Technology**

Jan 13, 1997

Word Count: 611

24/6/21 (Item 6 from file: 621)

01008900 Supplier Number: 39582707 (USE FORMAT 007 FOR FULLTEXT)

CODED TAG TECHNOLOGY MOVES AHEAD WITH COTAG

Sept, 1985

Word Count: 733

24/6/22 (Item 1 from file: 634)

08655004

**AS S.J. MAYOR BUFFS IMAGE, WOES MAY GET GLOSSED OVER
HAMMER PUTS SPIN ON
MEDIA COVERAGE**

Monday, June 3, 1996

Word Count: 1,324

24/6/23 (Item 1 from file: 636)

05152871 Supplier Number: 80869818 (USE FORMAT 7 FOR FULLTEXT)

Asita Technologies announces new functionality to its LineSpeed 5.

Dec 17, 2001

Word Count: 714

24/6/24 (Item 2 from file: 636)

04674614 Supplier Number: 62263596 (USE FORMAT 7 FOR FULLTEXT)

Keeping Cyber Villains At Bay.(Company Business and Marketing)

May 22, 2000

Word Count: 828

24/6/25 (Item 3 from file: 636)

04662900 Supplier Number: 62199991 (USE FORMAT 7 FOR FULLTEXT)

Branding A Hard Sell for Banks: Financial institutions are struggling-especially online-to make a positive impression on consumers.

Successes are few.

May, 2000

Word Count: 2945

24/6/26 (Item 4 from file: 636)

04153873 Supplier Number: 54456277 (USE FORMAT 7 FOR FULLTEXT)

Internet's First Live Streaming Video Dutch Auction 04/22/99.

April 22, 1999

Word Count: 492

24/6/27 (Item 5 from file: 636)

04067341 Supplier Number: 53531377 (USE FORMAT 7 FOR FULLTEXT)

Cyberscope: Batter Up! 01/06/99.

Jan 6, 1999

Word Count: 249

24/6/28 (Item 6 from file: 636)

03814904 Supplier Number: 48274809 (USE FORMAT 7 FOR FULLTEXT)

IBM NETWORK SERVICES: IBM & Mazda announce Electronic Service Information intranet

Feb 5, 1998

Word Count: 713

24/6/29 (Item 7 from file: 636)

03722773 Supplier Number: 48044763 (USE FORMAT 7 FOR FULLTEXT)

MaxFAX New FCC ...

Oct 13, 1997

Word Count: 494

24/6/30 (Item 8 from file: 636)

03279723 Supplier Number: 46734013 (USE FORMAT 7 FOR FULLTEXT)

Internet Access: Cisco's new tag switching technology fuses routing and

switching for scalable, high-performance networks. Technology extends

company's set of multilayer switching solutions

Sept 23, 1996

Word Count: 1594

24/6/31 (Item 9 from file: 636)

03186599 Supplier Number: 46526780 (USE FORMAT 7 FOR FULLTEXT)

DIRECT CONNECTION: Sound on the Internet -- TAG Records online with Direct

Connection

July 8, 1996

Word Count: 595

24/6/32 (Item 10 from file: 636)

02934428 Supplier Number: 45972800 (USE FORMAT 7 FOR FULLTEXT)

BUSINESS AND FINANCIAL OVERLOOK

Dec 1, 1995

Word Count: 833

24/6/33 (Item 11 from file: 636)

01809552 Supplier Number: 43054013 (USE FORMAT 7 FOR FULLTEXT)

Sprint Was Not the Expected Buyer

June 4, 1992

Word Count: 489

24/6/34 (Item 12 from file: 636)

01138179 Supplier Number: 40910486 (USE FORMAT 7 FOR FULLTEXT)

APPLICATIONS THE KEY TO SUCCESS IN ELECTRONIC MESSAGING

August 23, 1989

Word Count: 510

24/6/35 (Item 13 from file: 636)

01134211 Supplier Number: 40896299 (USE FORMAT 7 FOR FULLTEXT)

BELLSOUTH AIMS TO USE ELECTRONIC MESSAGING TO PROVIDE CORPORATE

APPLICATIONS SOLUTIONS

August 8, 1989
Word Count: 701

24/6/36 (Item 1 from file: 810)
0920518 BW0188

**PROCOM TECH INC: Procom to Showcase Full Line of Network-
Attach Storage
Solutions At Network+Interop '98 in Atlanta; Will Unveil Several
New
Products**

October 12, 1998

24/6/37 (Item 1 from file: 56)
0000297584 IP ACCESSION NO: 309738
**Hierarchical, multi-resolution method for dictionary-driven content-
based
image retrieval**
PUBLICATION DATE: 1997

~~Full text NPL files - 4

? show files;ds

File 267:Finance & Banking Newsletters 2007/Nov 12
(c) 2007 Dialog

File 268:Banking Info Source 1981-2007/Oct W3
(c) 2007 ProQuest Info&Learning

File 625:American Banker Publications 1981-2007/Nov 19
(c) 2007 American Banker

File 626:Bond Buyer Full Text 1981-2007/Nov 19
(c) 2007 Bond Buyer

File 47:Gale Group Magazine DB(TM) 1959-2007/Nov 05
(c) 2007 The Gale group

File 635:Business Dateline(R) 1985-2007/Nov 16
(c) 2007 ProQuest Info&Learning

File 570:Gale Group MARS(R) 1984-2007/Nov 16
(c) 2007 The Gale Group

File 75:TGG Management Contents(R) 86-2007/Nov W1
(c) 2007 The Gale Group

File 249:Mgt. & Mktg. Abs. 1976-2007Apr W5
(c) 2007 Pira International

File 387:The Denver Post 1994-2007/Nov 19
(c) 2007 Denver Post

File 471:New York Times Fulltext 1980-2007/Nov 21

(c) 2007 The New York Times
 File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06
 (c) 2002 Phoenix Newspapers
 File 494:St LouisPost-Dispatch 1988-2007/Nov 19
 (c) 2007 St Louis Post-Dispatch
 File 631:Boston Globe 1980-2007/Nov 16
 (c) 2007 Boston Globe
 File 633:Phil.Inquirer 1983-2007/Nov 19
 (c) 2007 Philadelphia Newspapers Inc
 File 638:Newsday/New York Newsday 1987-2007/Nov 20
 (c) 2007 Newsday Inc.
 File 640:San Francisco Chronicle 1988-2007/Nov 18
 (c) 2007 Chronicle Publ. Co.
 File 641:Rocky Mountain News Jun 1989-2007/Nov 20
 (c) 2007 Scripps Howard News
 File 702:Miami Herald 1983-2007/Nov 11
 (c) 2007 The Miami Herald Publishing Co.
 File 703:USA Today 1989-2007/Nov 19
 (c) 2007 USA Today
 File 704:(Portland)The Oregonian 1989-2007/Nov 15
 (c) 2007 The Oregonian
 File 713:Atlanta J/Const. 1989-2007/Nov 18
 (c) 2007 Atlanta Newspapers
 File 714:(Baltimore) The Sun 1990-2007/Nov 18
 (c) 2007 Baltimore Sun
 File 715:Christian Sci.Mon. 1989-2007/Nov 16
 (c) 2007 Christian Science Monitor
 File 725:(Cleveland)Plain Dealer Aug 1991-2007/Nov 17
 (c) 2007 The Plain Dealer
 File 735:St. Petersburg Times 1989- 2007/Oct 21
 (c) 2007 St. Petersburg Times
 File 476:Financial Times Fulltext 1982-2007/Nov 20
 (c) 2007 Financial Times Ltd
 File 477:Irish Times 1999-2007/Nov 20
 (c) 2007 Irish Times
 File 710:Times/Sun.Times(London) Jun 1988-2007/Nov 20
 (c) 2007 Times Newspapers
 File 711:Independent(London) Sep 1988-2006/Dec 12
 (c) 2006 Newspaper Publ. PLC
 File 756:Daily/Sunday Telegraph 2000-2007/Nov 19
 (c) 2007 Telegraph Group
 File 757:Mirror Publications/Independent Newspapers 2000-2007/Nov 20
 (c) 2007

Set Items Description

S1 421790 (TIME OR MINUTE OR MINUTES OR SECOND OR SECONDS)(3N)(STAMP-

??? OR INDICAT??? OR CODE? ? OR IDENTIF??? OR CIPHER OR

CIPHE-
 RS OR LABEL??? OR CODING OR CODINGS) OR TIMESTAMP??? OR
 DATES-
 TAMP??? OR DATATAG OR DATATAGG??? OR TAG OR TAGG???
 S2 106137 BID OR BIDS OR BIDDING OR OFFER OR OFFERS OR TENDER
 OR TEN-
 DERS OR SUBMIT OR SUBMITS OR SUBMISSION OR SUBMISSIONS
 S3 421790 (TIME OR MINUTE OR MINUTES OR SECOND OR
 SECONDS)(3N)(STAMP-
 ??? OR INDICAT??? OR CODE? ? OR IDENTIF??? OR CIPHER OR
 CIPHE-
 RS OR LABEL??? OR CODING OR CODINGS) OR TIMESTAMP??? OR
 DATES-
 TAMP??? OR DATATAG OR DATATAGG??? OR TAG OR TAGG???
 S4 344259 ACCEPT??? OR ACCEPTANCE OR ADMIT OR ADMITS OR
 ADMITT? OR T-
 AKE? ? OR TAKING OR ALLOW??? OR ALLOWANCE OR ENTER??? OR
 REGI-
 STER??? OR REGISTRATION OR POST??? OR ONLY
 S5 112236 CURRENT OR REALTIME OR (REAL OR ACTUAL)()TIME OR
 (NO OR "N-
 OT" OR WITHOUT OR WITH()OUT)()(DELAY OR WAIT??? OR
 PENDENCY OR
 LAG OR TIMELAG) OR LIVE OR UP(3W)MINUTE OR NEWEST OR
 MOST()R-
 ECENT OR UPDATED
 S6 354448 HIGH OR HIGHEST OR BEST OR UPPER OR TOP OR BIG OR
 BIGG??? -
 OR LARG??? OR GREATEST OR MOST OR MAXIMUM OR GOOD
 S7 164094 CYBER OR CYBERSPACE OR VIRTUAL?? OR INTERNET OR
 WEB OR ONL-
 INE OR ON()LINE OR TV OR TELEVISION OR TELLY OR
 HOME()SHOPPING
 OR NETWORK OR TELEPHONE OR PHONE OR VIDEO OR
 BROADCAST
 S8 2476 S2(5N)S3
 S9 1569 S4(5N)S5(5N)S6
 S10 1 S7(S)S8(S)S9
 S11 1 S8(S)S9
 S12 101 S2(10N)S3(10N)S4(10N)S5(10N)S6
 S13 31 S7(S)S12
 S14 8 S12(S)(AUCTION OR AUCTIONS OR AUCTIONING OR
 COMPETITIVE()(-
 BUYING OR PURCHAS??? OR BIDDING OR BIDS) OR
 MATCHING() (SYSTEM
 OR SYSTEMS) OR AUCTIONWORKS OR EBAY OR E()BAY)
 S15 35 S13 OR S14
 S16 27 S15, NOT PY>2003

S17 27 S16 NOT PD=20031209:20071231
S18 27 RD (unique items)

18/6/1 (Item 1 from file: 626)

0208272

NEW PRODUCTS: E-Trade Stands Alone in Offering Munis on the Internet

December 14, 1998

18/6/2 (Item 1 from file: 47)

05162368 SUPPLIER NUMBER: 20770480 (USE FORMAT 7 OR 9 FOR FULL TEXT)

But can you get it wholesale? A survey of Internet auction sites finds that

some aren't such a deal.

July, 1998

WORD COUNT: 1718 LINE COUNT: 00133

18/6/3 (Item 2 from file: 47)

05093813 SUPPLIER NUMBER: 20341288 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Luckman Interactive upgrades Web Edit Pro HTML editor.

March, 1998

WORD COUNT: 625 LINE COUNT: 00052

18/6/4 (Item 3 from file: 47)

04805778 SUPPLIER NUMBER: 19682453 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Talk of the Internet. (Internet chat software from Magma Communications,

E-Pub Services, eShare Technologies, The Palace, ichat, Ubique and Volano

LLC) (includes related articles on the editors' choice, instant messaging

products, and virtual-office products)(Your Personal Internet) (Software

Review)(Cover Story)(Evaluation)

Sep 9, 1997

WORD COUNT: 4545 LINE COUNT: 00343

18/6/5 (Item 4 from file: 47)

04662475 SUPPLIER NUMBER: 19010979 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Affordable, portable notebook PCs. (includes related articles on how

to

**read ratings boxes, Editors' Choice, price/performance index,
battery
life, benchmark tests, summary of features)(overview of 27
evaluations of
value-priced notebook computers) (individual evaluation records
searchable under "Affordable, Portable Notebook PCs") (Hardware
Review)(Evaluation)(Cover Story)**

Jan 21, 1997

WORD COUNT: 6730 LINE COUNT: 00514

18/6/6 (Item 5 from file: 47)

04145619 SUPPLIER NUMBER: 16264054 (USE FORMAT 7 OR 9 FOR
FULL TEXT)

**Super software bargains: 50 for \$50 or less. (Software Review)
(includes
related articles on shareware, freeware, budget OS/2
packages)(Cover
Story) (Evaluation)**

Oct, 1994

WORD COUNT: 6917 LINE COUNT: 00523

18/6/7 (Item 6 from file: 47)

03943434 SUPPLIER NUMBER: 13968761 (USE FORMAT 7 OR 9 FOR
FULL TEXT)

Communications. (Solutions)(question and answer)

July, 1993

WORD COUNT: 467 LINE COUNT: 00033

18/6/8 (Item 7 from file: 47)

03623268 SUPPLIER NUMBER: 11470933 (USE FORMAT 7 OR 9 FOR
FULL TEXT)

**Palindrome Corp.: The Network Archivist/Fast 1300. (Hardware
Review) (one
of four evaluations of tape-backup systems in 'Backup Wares Guard
Shared
Data') (evaluation)**

Oct 28, 1991

WORD COUNT: 412 LINE COUNT: 00035

18/6/9 (Item 8 from file: 47)

03536690 SUPPLIER NUMBER: 09812945 (USE FORMAT 7 OR 9 FOR
FULL TEXT)

The 6th annual editors' choice awards. (MacUser's Eddy Awards for

1990

products)

March, 1991

WORD COUNT: 5710 LINE COUNT: 00468

18/6/10 (Item 9 from file: 47)

03315533 SUPPLIER NUMBER: 07916280 (USE FORMAT 7 OR 9 FOR FULL TEXT)

IBM software an oxymoron? Current proves no. (IBM Current personal

information manager) (Software Review) (evaluation)

Dec 26, 1989

WORD COUNT: 988 LINE COUNT: 00077

18/6/11 (Item 1 from file: 635)

0919101 98-80613

Agency conducts search for lost pets

PUBL DATE: 980324

WORD COUNT: 1,662

18/6/12 (Item 2 from file: 635)

0144025 90-27052

Fox's Future Up in the Air as Meredith Says It'll Sell Equity

PUBL DATE: 900528

WORD COUNT: 832

18/6/13 (Item 1 from file: 570)

02241312 Supplier Number: 87028889 (USE FORMAT 7 FOR FULLTEXT)

E! Trails MTV into voyeur TV.(Brief Article)

June 3, 2002

Word Count: 737

18/6/14 (Item 2 from file: 570)

02201162 Supplier Number: 83316408 (USE FORMAT 7 FOR FULLTEXT)

Computers/Data Collection. (National NAMA Expo Equipment Report).

Feb, 2002

Word Count: 1493

18/6/15 (Item 3 from file: 570)

01966419 Supplier Number: 65106425 (USE FORMAT 7 FOR FULLTEXT)

NORDSTROM RELAUNCHES WEB SITE.(Brief Article)

August 30, 2000
Word Count: 634

18/6/16 (Item 4 from file: 570)
01825044 Supplier Number: 57902075 (USE FORMAT 7 FOR FULLTEXT)
O BRAZIL!(Industry Trend or Event)
Nov, 1999
Word Count: 5393

18/6/17 (Item 5 from file: 570)
01673018 Supplier Number: 50171741 (USE FORMAT 7 FOR FULLTEXT)
Friskies Cites Felines' Dental Health With Food Line Backed by \$10M
July 6, 1998
Word Count: 369

18/6/18 (Item 1 from file: 471)
00647568 059447830731
TAG SALES CAN COST SOME TROUBLE
Sunday July 31 1983
Word Count: 686

18/6/19 (Item 1 from file: 492)
10589256
KNOW RULES BEFORE YOU BID ONLINE
Wednesday, March 29, 2000
Word Count: 532

18/6/20 (Item 1 from file: 638)
09679113
TIP SHEET / Internet Auctions Require Savvy Shopping Technique
Sunday June 28, 1998
Word Count: 233

18/6/21 (Item 1 from file: 641)
11194092
BEST BETS
Friday, July 13, 2001
Word Count: 740

18/6/22 (Item 2 from file: 641)
10684083

**ONLINE ANTIQUING CUTTING-EDGE COMPUTER TECHNOLOGY
PROVIDES AN OUTLET FOR
LOVERS OF AGING COLLECTIBLES**

Sunday, July 2, 2000

Word Count: 1,103

18/6/23 (Item 1 from file: 702)

05541058

U.S. AUTOMAKERS REPORT 15.6% DECLINE IN SALES

THU JUN 14 1990

Word Count: 639

18/6/24 (Item 2 from file: 702)

05538505

**ETHICS COMMISSION SENT LETTERS TO TWO PEMBROKE PARK
OFFICIALS**

SAT JUN 02 1990

Word Count: 220

18/6/25 (Item 1 from file: 704)

05031026

**LASER DISCS DAZZLE THE EYE INDUSTRY STILL CHASING PIONEER
IN VIDEODISC
TECHNOLOGY**

TUESDAY January 31, 1989

Word Count: 632

18/6/26 (Item 1 from file: 476)

0010055110 BOJIDAMAB6FT

INTERNATIONAL: Castro the crusader takes on sports 'mafia'

Saturday, September 4, 1999

Word Count: 490

18/6/27 (Item 1 from file: 756)

00054531 720504468 (USE FORMAT 7 FOR FULLTEXT)

Connextra product could boost profits

Sunday, May 13, 2001

WORD COUNT: 178

~~Inventor search

12/3,K/1 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01175647 **Image available**

INTERACTIVE REMOTE AUCTION BIDDING SYSTEM

SYSTEME INTERACTIF D'OFFRE A DISTANCE DANS UNE VENTE AUX ENCHERES

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US, US

(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

PIPER Michael W (agent), Conley Rose, P.C., 5700 Granite Parkway, Suite
330, Plano, TX 75024, US,

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Application: WO 2004US12451 20040423 (PCT/WO US04012451)

Priority Application: US 2003423583 20030425; US 2003730624 20031208

Designated States:

(All protection types applied unless otherwise stated - for applications
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE
DK DM

DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO

RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL
PT RO

SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 27290

INTERACTIVE REMOTE AUCTION BIDDING SYSTEM

Patent Applicant/Inventor:

DINWOODIE David L ...

Fulltext Availability:
Detailed Description
Claims

English Abstract

...the auction system (14). The remote bidder system (12a-12c) is operable to communicate a **bid** including **bid** information to the auction system (14) based on a price for the subject of the auction. The auction system (14) uses at least a portion of the **bid** information to accept the **bid** where the price for the subject of the auction is the same when the **bid** is processed by the auction system (14) and to reject the **bid** where the price for the subject of the auction has changed when the **bid** is processed by the auction system (14).

Detailed Description

INTERACTIVE REMOTE AUCTION **BIDDING** SYSTEM
CROSS-REFERENCE TO RELATED APPLICATIONS

[00011 The present application claims priority from and is...

...Application Serial No. 10/730,624, filed December 8, 2003, entitled "Auction System for Remote **Bidding** and Method", and claims priority from and is a continuation-in-part of U.S. Patent Application Serial No. 10/423,583, filed April 25, 2003, entitled "Interactive Remote Auction **Bidding** System," which is a continuation in part of U.S. Patent Application, Serial No.

10/005,808, filed December 3, 2001, entitled "Interactive Remote Auction **Bidding** System," which is a continuation-in-part of U.S. Patent Application, Serial No. 09/086,877 filed May 29, 1998, entitled "Interactive Remote Auction **Bidding** System," issued on July 2, 2002, as U.S.

Patent No. 6,415,269, all...

...in communication with the auction system. The remote bidder system is operable to communicate a **bid** including **bid** information to the auction system based on a price for the subject of the auction. The auction system uses at least a portion of the **bid** information to accept the **bid** where the price for the subject of the auction is the same when the **bid** is processed by the auction system and to reject the **bid** where the price for the subject of the auction has changed when the **bid** is processed by the auction system.

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BRIEF DESCRIPTION OF THE DRAWINGS

[00111 For a...

...Figure 9 is a diagrammatic illustration of another embodiment of the

present system for receiving **bids** from one or more remote bidders.

DESCRIPTION OF THE PREFERRED EMBODIMENTS

[00191 Referring to Figure 1, an interactive remote auction **bidding** system for conducting an auction among participants located at remote locations is illustrated, and is...

...wave transmitter/transponder, personal computer, personal digital

assistant (PDA) or other wireless device, for generating **bid** acceptance data for communication over the network 16 to auction site 14.

[0020] Each remote...

...site 14 comprises a location remote from at least some of the participants at which **bids** are accepted and the auction is controlled. The auction is controlled by an auctioneer 24...

...Located at auction site 14 is a receiver/transmitter processor 26 which receives and transmits **bid** information via network 16 to and from remote locations 12. Receiver/transmitter processor 26 may...

...located at auction site 14. Display 32 displays information such as, for example, the asking **bid**, current **bid**, bidder identification, location of bidder, and lot number. Where the auction is conducted across national boundaries, the asking **bid** and actual **bid** may be displayed in numerous foreign currency denominations. The information generated by processor 26 and...

...on display 32 for transmission to each remote location 12. In this manner, during the **bidding** process real-time information is available to each bidder at remote site 12 during the...

...for the specific consignor of the lot. The CHYRON (or similar device) is separately providing **bidding** info (e.g., model, serial number, hours) for integration into the same display. Each (the...

...terminal 30 inputs to processor 26 data relating to a lot number, the initial asking **bid**, a predefined increment, and foreign currency conversion factors for currency denominations for the remote locations...

...the auction of each lot, each participant possesses information relating to the lot number, asking **bid** and its equivalent in any foreign currencies involved in the auction. Throughout the auction, display 32 is updated to reflect actual **bids** made during the auction (and may further include the amount required to displace the last **bid**) such that each participant at a remote location 12 participates in real-time at the auction and has current **bidding** information. The effect of the "real-time" display and participation is that while some minimal...

...a video signal. By following the auctioneer's chant the buyer may, if he wishes, **bid** based only on the audio information from the auction. This may be less desirable for...

...of the network is distinct from the latency management and the programmed delays before accepting **bids** discussed later in this disclosure. In an additional alternative, the audio signal may be delivered...

...alternative could be particularly useful where a bidder at the auction site itself wishing to **bid** by telephone would receive the unadjusted audio, while remote bidders relying on the broadcast receive...

...00321 An additional parameter that is initialized is the duration or cycle time during which **bids** are accepted. This parameter may also be adjusted by auctioneer 24 during the auction. This...

...parameter affects the amount of controlled or programmed time delay between broadcasting a new asking **bid** and the system beginning to accept **bids** at the new price. It creates a **bid** acceptance window which starts only after the controlled delay has elapsed and ends with the first accepted **bid**. As discussed immediately above, and in greater detail below, the opening of this window is...

...controlled time delay.

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[00331 After initialization of the system, processor 26 begins accepting **bids** at step 70 from the participants at remote locations 12.

Participants at locations 12 generate **bid** acceptance signals by utilizing input devices 18 such as, for example, by pressing the "#" symbol...

...a keypad of a telephone input device 18. Those participants not wishing to enter a **bid** do not touch any key on the telephone. Where processor 26 includes voice recognition capabilities, a participant may indicate acceptance of a **bid** by speaking into input device 18 such as "yip". Processor 26 continuously monitors communications link 28 for input **bids** at step 72.

[00341 Processor 26 determines at step 74 whether a **bid** has been accepted. If a participant's **bid** has not been accepted, a response is generated to each participant whose **bid** has not been accepted at step 76. The response may include a predetermined tone generated by transmitter 26 such as, for example, a "honk" sound or the words " **Bid** not taken, please **bid** again" communicated to a participant through device 18. If a **bid** has been accepted, a response is generated to the participant at step 78 such as...

...form of a "beep" sound, the sound of a cash register ring, or the words " **Bid** taken" indicating to the particular participant at a remote location 12 that the **bid** has been accepted. In the most preferred embodiment, audible reinforcement of " **Bid** Taken" is provided to the new high bidder each time a **bid** is captured. In an alternative embodiment an additional feature may provide that the bidder whose **bid** has just been displaced is advised that he or she is no longer high bidder by issuing an audible "you're out" each time his **bid** is displaced by a higher **bid** . Both of these audible reinforcements are preferably sent by way of the network to the appropriate corresponding individual input devices 18, although audible tones reflecting that each new **bid** has been accepted may also be provided over the broadcast network as well. As additional...

...separate specific input device (the new high bidder). Hence, in this embodiment, when a new **bid** is accepted from a first input device, not only does the system provide a unique feedback to the first input device (i.e., **bid** taken), the system provides

I I

unique feedback to a second input device which had the previous high **bid** (i.e., you're out), as well as a broadcast to all input devices (i...

...otherwise.

[00351 In one embodiment, as noted briefly above, audible tones reflecting that each new **bid** has been accepted may also be provided over the broadcast network as well. This could...

...be receiving specific feedback as described above). One potential approach for reflecting that a new **bid** has been accepted would involve the use of recorded or generated voice "yips." Different voices...

...used to simulate the feel and excitement of an in-person auction, where yips from **bid** spotters signal receipt of new **bids** from the audience. Different yips could be used on successive **bids** taken in a straight cycle, on a randomly generated basis, or specific yips could be...

...an in-person auction, but also similar feedback where the same bidspotter tends to catch **bids** from the same bidder or group of bidders in an in-person auction). The auctioneer...

...auctioneer to achieve more natural pacing and better control of the energy of the auction. **Bids** from remote bidders, using telephones or computers for example, may have different tones as well, allowing the auctioneer and, in some embodiments, the audience also, to better determine where the **bid** originated.

12

[00361 In one alternative embodiment at step 80, a decision is made to determine whether the particular participant at remote location 12 has indeed made the **bid** by seeking a confirmation. The response to the bidder at step 78 includes a prompt to confirm whether the participant made the **bid** . The participant may actuate a key on a telephone keypad (such as the "" key) at input device 18 to confirm the **bid** . If the **bid** is not confirmed, a subsequent prompt may be generated to the participant, the...no confirmation is received, the participant may be locked out of participating in the next **bid** cycle at step 82. In the preferred embodiment, step 80 may be bypassed to increase...

...screened participants are sincere. In this event, in the most preferred embodiment, only the winning **bid** is confirmed as in step 102 below.

[00371 Assuming that confirmation has been received (or alternatively bypassed) from the particular participant that a **bid** has been made, display 32 is updated at step 82. Display 32 generates the current **bid** , the location of the bidder, and bidder identification. Auctioneer is also provided with **bid** acceptance information at step 84. This **bid** acceptance information may include the generation of an audible prompt (which may be heard by the auctioneer) each time a **bid** arrives at the auction control panel to prompt auctioneer to move to the next increment. At this point in the **bidding** process of the auction, each participant receives real-time information acknowledging **bid** receipt and, the present status of the auction. All participants in the auction preferably know the location of the bidder, the amount of the accepted **bid** in the participant's currency value, and the bidder identification number of the accepted **bid** .

[00381 A decision is then made by auctioneer 24 at step 86 as to whether the accepted **bid** was the final asking **bid** for the lot. If the decision is yes, the process continues to step 100 (Figure 4). If the **bid** is not the final asking **bid** at step 86, the asking **bid** is incremented in accordance with the predetermined increments established at initialization at step 66. The asking **bid** is then incremented and display 32 is updated at step 90. Additionally, the new asking **bid** can be adjusted in real-time (either by direct input or by adjusting the automatic increments up or down as appropriate) by auctioneer 24 as the **bidding** approaches the final **bid** and subsequent close and sale. The new asking **bid** is subsequently communicated to participants via broadcaster system 34. The asking **bid** is incremented and a programmed delay (initially the delay may be predetermined by the auctioneer...

...of the

13

initialization) is incorporated into processor 26 before processor 26 begins accepting subsequent **bids** from participants at locations 12. In

this manner, processor 26 controls subsequent **bid** acceptances to prevent overrunning of system 10 and establishes a **bidding** acceptance window of time. The delay is adjustable by auctioneer 24 based upon the particular **bidding** environment and aggressiveness of participants. After display 32 has been updated with current **bidding** information, the controlled or programmed time delay elapsed, new **bids** are then accepted at step 70. The process continues as asking **bids** are incremented and accepted until the auctioneer determines that the final asking **bid** has been accepted at step 86, and the process continues to step 100 (Figure 4).

[00391 Auctioneer 24 may provide a warning that the current **bid** is about to be accepted as the winning **bid** . The warning may be communicated through audio feedback (such as a drumroll) or video feedback (such as a flashing **bid** amount or change in color of **bid** amount) in display 32. Acceptance of the final **bid** by auctioneer 24 may also generate a real-time response in the display 32 such as a cymbal-crash or visual acceptance signal with the accepted **bid** amount. With the acceptance of the final **bid** , the auctioneer blocks or locks out all participants but the winning bidder and proceeds to...

...winning bidder.

[00401 Referring now to Figure 4, with the acceptance of the final asking **bid** the last bidder is notified that the final **bid** is a winning **bid** at step 100. Processor 26 notifies the winning bidder and prompts the winning bidder to...

...auction site 14 is terminated at step
14

. The auctioneer may also choose to reopen **bidding** to the entire audience at the level of the previous **bid** . The confinement of purchase eliminates doubt that the buyer wanted the item just as...

...an automated backup function which takes the auction back electronically to the last underbidder's **bid** amount and identity where the auction may continue. If there is no more action, then...

...displayed for a subsequent lot to be auctioned.

[0042] In a preferred embodiment, during the **bidding** process, processor 26 maintains an audit trail of each participant's response, as well as whether the **bid** is accepted or not.

[00431 While the embodiment described above refers to actions taken by...
...600 through a software button 610. A button to transition to a warning state before **bidding** closes

1 5

could also be provided through a software button 620. In either event,

with the auctioneer able to close, the possibility of the system allowing a last second **bid** through after the auctioneer has announced sold but before the clerk has informed the system...

...one example would be a software button 630 on interface 600), preventing the accepting of **bids** while the auctioneer was still working on the build-up.

While the problems with early **bids** are less troublesome than with **bids** after a sale is closed, this may still negatively impact the rhythm and pace of...

...other embodiments, the auctioneer may be provided with a control to increase or decrease the **bid** increment or opening **bid** on the fly during, or just prior to opening, the auction (for example by using...

...interface 600). The auctioneer may also be provided with a control to initiate the challenge **bid** process (for example software button 650 on interface 600) where bidders are allowed to **bid** against themselves in an effort to reach a reserve price to close a sale. In one embodiment where challenge **bidding** is used, the auctioneer has the only control for allowing entry into a challenge **bidding** . process, while in another embodiment, the auctioneer merely has an overriding control while the base...

...auctioneer to improve their ability to pace and ran the auction. In one embodiment, a **bidding** frenzy monitor may be provided to the auctioneer (one example illustrated in bar line 660...

...for example when a number of bidders are being bounced as "not taken" because their **bids** were not first at that price). One basis for objectively evaluating this number is reviewing the number of **bids** not taken by the system for each given increment. Then this number can be tracked...

...on whether the numbers are increasing or reducing from increment to increment. Another measure of **bidding** frenzy could also track how many bidders are left who are either **bidding** or having their **bids** not taken. This could be reflected by a number or bar shown to the auctioneer or it could be incorporated by algorithm with the number of **bids** not being taken to provide both pieces of information together in one number.

Other approaches, such as tracking by computer the time between accepted **bids** and the

16

change in that time, could also be used to provide the...

...and his call, to assist him in evaluating when and how much to change

the **bidding** increment, and to assist in determining when to change the latency setting in embodiments where...

...would be box 670 in interface 600), possibly combined with a display of the current **bid** (an example would be box 680 in interface 600) and the reserve or a flag...

...of the market, the instant feedback of the shoot number as compared to the current **bid** to the auctioneer while he is managing the auction, may provide him insight into how...

...be displayed graphically instead of numerically, with a band of ranges and the rising current **bid** moving in and out of various ranges with the reserve price as a threshold range...

...and id are valid, it then checks to see whether an auction is open and **bidding** has been enabled. IVR Server 220 checks ID by communicating with auction control panel 230...

...auction control panel 230. Communications process 224 on IVR Server 220 similarly responds to each **bid** request passed through IVR System 200 to signal a response of **bid** accepted or **bid** not taken.

[00501 Auction control panel 230 initializes for a given auction using initialization process...

...as described above and below. Login steps 236 and 238 are as described above. As **bids** are communicated to communication process 234, auction control panel 230 checks that the **bid** is valid in step 242. While in the preferred embodiment, auction control panel 230 makes...

...decision of when the controlled time delay has expired and reftises to accept a valid **bid** before that time, in an alternative embodiment, IVR Server 220 could be signaled when the **bid** window has opened and will through its communication process 224 only send the first **bid** after the delay has expired and the window is opened. Once a valid **bid** is accepted in step 242, auction control panel, in update process 244, updates the auction...

...a message like "Thank you! You are now logged into the BidCatcher system. <pause> To **bid**, press the # key on your telephone keypad. If you are the winning bidder, press the...

...key has been pressed then in step 316 the system may play a message like

" **Bids** are not being accepted at this time. Please wait until we open for **bidding** on the next lot." The system then returns to the auction state 314. If the...

...in-use ids. If the # key is pressed the system checks to see if the **bid** window is open. While illustrated here with the delay before opening the **bid** window as being the amount of time since the last **bid**, this is merely another method for accounting for the delay. The preferred method for the delay is the number of seconds since the new asking **bid** was broadcast. However, since the time from the entry of the last **bid** and 20

broadcasting of the new **bid** is virtually instant and does not involve a communication delay (with all of this gap between entry of last **bid** and broadcasting new **bid** taking place within the auction control system) defining the time as the delay from the last **bid** has, as a practical matter, the same effect as defining it as the delay from the broadcast of the new asking **bid** and for the purposes of this application, the two alternatives will be considered equivalent.

Similarly...

...window (the period of controlled time delay time after the broadcast of the new asking **bid** before the new **bid** acceptance signals will be accepted) then in step 324 the system will play a message like " **Bid** not taken." If the # key is pressed after the programmed delay has run and the **bid** acceptance window has opened, then in step 326 the system will play a message like " **Bid** accepted", send a **bid** command to auction control panel 230, reset last time **bid**, and record the id as last bidder in data base 240.

[00551 The cycle of accepting new **bids** in the auction open state continues and repeats until a sold command is received from...

...not the last bidder are moved to state 336. At this state other attempts to **bid** are rejected in step 338 with a message like " **Bids** are not being accepted at this time. Please wait until we open for **bidding** on the next lot." If other than last bidder attempts to confirm with the star...

...the operator of auction control panel 230 changes state to next lot and reopens for **bidding** moving the system to open state 322.

[0059] Figure 7 diagrams several of the possible...

...to remind caller that system is still alive: "The BidCatcher system remains open for your **bids**. <pause> To **bid**, press the # key on your keypad." While only the # and star key are married to **bidding** responses. The other functions are available for other purposes. In the preferred embodiment the use...

...to register. As discussed above, automatic forwarding could also happen

in response to a successful **bid** to get in-person confirmation (preferably with an audio recording of the conversation) over the...

...be attached to the user id of the bidder. The system could then monitor their **bids** and total won auctions for that ID and prevent the bidder from **bidding** beyond their credit limit. The system could also automatically route a telephone call to the...

...advantage of its credit limit at the auction, which promotes more aggressive and/or competitive **bidding** .

[00631 In another alternative embodiment, the system may be set to dial-out to a...

...soon and ask for his password then starts the process at 304. The buyer is **bid** enabled when he satisfies the system that he is authorized to **bid** . With this type of automated calling of individual bidders just prior to sale of previously...

...and whichever items in the group and acquire each of them for the same high **bid** . One embodiment of the present system automates the choice and privilege function by special code...

...together for sale. Any time choice and privilege applies, the high bidder confirms his high **bid** in the usual fashion (* key) and is automatically call forwarded to the auction clerk on...

...of those items, hangs up, and the high bidder returns to his prior status as **bid** enabled. The auctioneer asks for others who want any of the remainder for same money...

...before accepting confirmation. If no minimum exists or if the minimum is below the final **bid** , then the item proceeds to confirmation and sale. If the minimum or reserve is greater than the highest **bid** at time of closing, then the system will not allow confirmation and in the preferred ...approach would allow the consignor to control the reserve from the same line used for **bidding** . This would allow the consignor who is also **bidding** on other lots in the auction to simply call in on one line and stay...

...some instances) to release the reserve if the consignor is satisfied with the level the **bidding** has reached at that point. hi this embodiment once both keys are hit in sequence, the reserve would be lowered to the current **bid** (or, less preferably it could be removed entirely) and a notification sent to the auctioneer of the changed reserve. By lowering to the current **bid** rather than removing, the consignor is protected from a sale at an unintentionally lower price in the event there are **bid** retractions or other reasons the **bidding** might be wound backwards before closing. More complex embodiments

might
have more detailed control of...

...sales status may also be provided to allow modifications with respect to reserves and proxy **bids** . For example, a consignor may be allowed to drop the reserve on a consigned item...

...response. The website or a similar access gateway could also be used to establish proxy **bids** on items. This could either be done before the day of the auction, in some...

...would be less preferred for that reason.

[00681 The impact on auction activity by proxy **bidding** is managed by the present system in a number of ways. For example, a high proxy **bid** entered into the system 10 too early in

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the auction may have a negative...

...auction and quell auction excitement. For this reason, in one alternative embodiment, a single proxy **bid** may be entered a number of times in different increments throughout the auctioning of an item up to the proxy **bid** . For example, a proxy **bid** of \$ 1 00 for an item that is currently **bid** at \$75 may be injected into the auction at intervals such as \$85, \$95, and \$100, provided there is other **bidding** . The number and amount of these intervals may be programmed into the system or modified during the auction. The system 10 may programmed to manage proxy **bidding**

in a number of other ways as well, including detennining whether proxy **bids** are entered before or after remote telephone, computer or live bidders. Another embodiment may help manage proxy **bidding** by sounding

different tones when a **bid** is from a proxy bidder, similar to the approach discussed above where different tones might...

...one embodiment of which is illustrated in Figure 8) the opening ask and the opening **bid** increment and to change the size of the **bid** increments on the fly and have changes immediately reflected on the auction control panel. The opening **bid** increment **Bidding** would go 10,000, 10,200, 10,500, 10,700, and 1 1,000. One...

...250) the displayed ask is 200 or 500 or 700 or 1000 depending on last **bid** . This provides a very valuable supplement to auctioneer and is otherwise difficult to impossible to execute manually by clerk. Similarly, other auction houses follow the following **bid** increment system, increasing in steps from 10 to 25 to 35 to 50 to 60...

...of the auction customer. A similar feature enables the auctioneer or

others to decrement the **bid** where no **bid** is received at an opening price.

[00701 While the disclosure above focuses on the remote...

...more traditional auctions, the auctioneer leads the auction from the auction room. A collection of **bid** spotters will be strategically positioned in a large room to assist the auctioneer by spotting **bids** and calling out on behalf of the **bids** they spot. The auctioneer may also spot **bids** personally. In one embodiment of the present invention, **bid** spotters (including the auctioneer in some embodiments) use their own input devices, for example radiophones...

...or other devices operable for wireless or wired communication, to provide instant capture of the **bids** they spot by the present system.

Communication with wireless devices may occur using well know...

...Tooth. In another embodiment, the system may, for example, employ voicerecognition systems to log these **bids** from **bid** spotters. In this sense, the system enables a level playing field even where remote bidders ...

...by avoiding the challenges in very large facilities where the auctioneer may miss the first **bid** in favor of a second because of the direction he or she is looking. Similarly, either with or without the **bid** spotters having this ability (although preferably with), the auctioneer or the auctioneer's clerk may be ided with a direct link with the system to spot **bids** on their own and capture them into provi
the described auction system.

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[00711 A...

...bidder who logs in from their input device, preferably a telephone (cellular or otherwise), from **bidding** against themselves by preventing additional bidding from that ID when that ID is the high bidder. To accommodate the use of phones by **bid** spotters, they are given unique ID's which are permitted to trap multiple **bids**, where it is then the responsibility of the **bid** spotter to know which individual's **bid** he has caught at any one time. The system however, objectively arbitrates which **bid** spotter was first in with the new **bid**. In such a manner, the computer may be used as a system to improve auctions...

...remote locations into the same process.

10072] In some embodiments where bidders are prevented from **bidding** against themselves, an additional feature may be present which addresses a potential problem with reserve...

...If the high bidder is beneath the reserve and no other bidder is continuing to **bid** up the price, then a situation may be reached where the item will not be...

...more for the item to meet the reserve. The additional feature, referred to as challenge **bidding**, may allow the auctioneer or the auctioneer's clerk to lift the prevention on bidders **bidding** against themselves in order to allow the bidder to **bid** up the price in an effort to meet the reserve. On the auction control panel...

...of Figure 8, button 650 may be used to open such a round of challenge **bidding**. Once challenge **bidding** is initiated, preferably other bidders may also rejoin the process if desired. Another option for this embodiment is to implement a secondary restriction which will only allow a bidder to **bid** against themselves until the reserve is met and then return to the original condition where a bidder may not **bid** against themselves. The change to challenge **bidding** for a given auction is typically done on the fly during the course of the auction of an item without interrupting the auction.

[00731 In another embodiment of software implemented **bidding** restrictions, bidders from the same dealership or from affiliated dealerships may be prevented from **bidding** against each other in the same manner that bidders are prevented from **bidding** against themselves.

The dealer (or other business relationship) relationship is defined in the process of...

...put in place which prevent a consignor or a bidder affiliated with a consignor from **bidding** on the assignor's own consigned auction items. In this manner an affiliate of a...

...identified. It also would act to prevent a consignor (or affiliate of a consignor) from **bidding** up their own lot in an effort to increase sale value or act as a...

...desirable to allow bidders in the auction room, or even in a remote room using **bid** spotters to **bid** anonymously using their cell phones or **bid** to **bid** spotters or both (competitive nature of some **bidding** is such that bidders want to confuse their competitors). In such a case, as discussed...

...the variable controlled delay time period (or delay window) between the broadcasting of the asking **bid** and the opening of a window of time during which the system will accept a **bid** acceptance signal based on that asking **bid** (**bid** acceptance window). The delay time period helps solve a problem unique to the technical solution enabling remote bidders to participate in the auction.

Since under the present application, only one **bid** acceptance signal is accepted and identified as the current **bid** , there is often a race to be the first to accept at the new asking **bid** . Further, there are latency control problems possible in a computerized system such as the current...

...information from remote bidders. In a rapidly moving auction, there is the potential for the **bids** to be escalating so quickly that bidders send a **bid** acceptance signal to what appears to be one asking **bid** , but, by the time that asking **bid** has been displayed to the remote bidder, another acceptance and new asking price have been...

...is received, it is interpreted by the system as an acceptance of a later asking **bid** . This can generate significant bidder frustration and damage buyer confidence and comfort in the environment...

...kind of overrunning of the system, making sure bidders in all locations know what asking **bid** they are trying to accept. However, at various points in a given auction, the auction...

...is optimally set in a live setting when there are no complaints that the intended **bid** is different than the caught **bid** and on the other hand there are no complaints that the system Accordingly the ideal...

...would ideally provide a complete comprehension of the new information being broadcast before allowing any **bids** to be entered.

[00781 An alternative approach to considering the latency settings follows. The principle...

...most latent participant in that audience. Various delivery methods differ in their broadcast latency. Various **bid** response methods vary in their transmittal latency. Various individuals comprehend and respond to information at...

...as the close or sale approaches and someone may be permanently caught on

a missed **bid** , the delay is moved up to the full amount believed necessary for full comprehension. The...

...the auction is winding up, it may be triggered when the increment by which the **bids** are increasing becomes smaller to a selected level (indicating that there is less activity as...

...close of the auction is near), or it could be triggered when the time between **bids** stretches out to a certain distance (again indicating less activity and also indicating that there...

...auction. The most preferred method of making this shift is by timing the delay between **bids** received. In the most preferred method, when the

delay between **bids** received reaches a certain multiple of the initial latency setting, the system automatically migrates to...

...for auction room participants. While applicable generally, this is particularly useful in the embodiments where **bid** spotters in the sale room are using phones to capture **bids** and it would be highly undesirable for the **bid** spotter in the live environment (where accidental overrunning is much less likely without the broadcast delays) to be unable to capture a **bid** due to the delay time period. Independent adjustment of their latency ensures smooth operation in...

...human comprehension time and the "inhuman" nature of the system recording and incrementing the new **bids**.

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[00831 This disclosure addresses the possible use of phones by **bid** spotters and/or the auctioneer or even the use of direct connections (which, for example...

...device but can do so if they so choose. In either event the auctioneer or **bid** spotters may capture **bids** of those in the room into the auction system by use of such direct connections...

...for independent latency control or elimination of latency altogether. This could give priority to any **bid** trapped by auctioneers and **bid** spotters in the point of origin thus ensuring that buyers present on site have a...

...latency adjustments may be made to the auctioneer and/or the auctioneer's clerk, the **bid** spotters in the main auction room, the **bid** spotters in other rooms geographically close but remote from the main auction room, independent bidders...

...latency to be considered relates to the ability of bidders on site to have their **bids** fairly captured by **bid** spotters using input devices. In this instance, while these bidders would not experience any of...

...their own reaction time, but also a delay based on the reaction time of the **bid** spotters to the call or signal of the bidders. This extra delay could place these...

...some additional latency on the remote bidders to account for the reaction time of the **bid** spotters, possibly between 0.1 and 0.3 seconds or as otherwise discussed elsewhere in...

...than the other way around. Further, in some auctions, to maintain the traditional feel, the **bid** spotters may perform in the traditional manner, with their "analog" yips rather than using the...

...themselves. To accommodate this, a clerk or additional administrator with a keyboard would catch the **bid** spotters' yips and press the
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appropriate key to capture them into the system. This adds yet another comprehension delay, the bidder recognizing the new asking **bid**, the **bid** spotter recognizing the bidder's signal, and the clerk recognizing and then capturing the **bid** spotters yip. In these events, another 0.1 to 0.3 seconds should be added...

...elsewhere in the specification.

[00851 In another embodiment, facilities may be provided to allow proxy **bidding** using the computer system to provide the **bids** up to a threshold set by the absentee bidder. These **bids** may be taken into account along with the remote **bids**, local **bids**, and **bids** captured by bidspotters or the auctioneer. In such an embodiment, there is a preference to...

...additional delay (or latency) before the computer is allowed to enter and accept the proxy **bids**, to prevent any advantage accruing to the absentee bidders as compared with either attending or...

...to receive the updated information, comprehend it, and have time to respond with their own **bid** before the proxy **bid** would automatically take effect. In the absence of such a delay, the proxy bidders would almost always win the current **bid** until their threshold was reached and the auction would progress at an extremely high speed...

...the longest latency control to proxy bidders.

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[00861 In an embodiment which employs proxy **bidding**, the system may also be programmed to accommodate overriding of the proxy by the bidder who has set the proxy **bid**. This could enable that bidder to sign in using their bidder number (a number which...

...broadcasts and information, video or still pictures of the subject of the auction, and current **bid**, ask, and other relevant auction information. Where the remote bidder system 802 has more limited...

...more still pictures of the subject of the auction, and perhaps only the current asking **bid** for the item being auctioned. A number of combinations of the information may be provided...other information potentially useful to a bidder.

[00911 The client application may include a client **bid** box 812 operable on the display 810 to provide the user or bidder with the **bid** pricing information, such as last **bid** 814 and

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current ask 816, for the subject of the auction. A first row 818 may provide the last **bid** 814 and ask 816 in a first currency, while a second row 820 in the client **bid** box 812 may provide the last **bid** 814 and ask 816 in a second currency. A number of additional rows may be provided, each displaying the **bid** pricing information in different currencies, which may be useful and relevant to user or bidder based upon their geographic locale or nationality. The client **bid** box 812 is illustrated as having limited information which may be beneficial to promote efficient...

...be displayed on the display 18, whether or not within the borders of the client **bid** box 812, to provide the bidder with sufficient information to make **bidding** decisions and participate in the auction.

[00921 As described in detail above, latency and delay...

...that the price, such as the current ask price, at which a bidder places a **bid** is the same price that the auction system 800 enters or accepts the **bid** for that particular bidder. Latency over the internet may be more complex to account for...

...in the present embodiment, the client application on the remote bidder system 802 tags the **bid** sent from the remote bidder system 802 to the auction system 800. The auction system 800 uses the **bid** tag to verify, before accepting the **bid**, that the price (such as the current ask price) which was present in the remote bidder system 802 at the time of the **bid** at the remote bidder system 802 has not changed or is the same as the...

...as the current ask price) at the auction system 800 at the time the **bid** is received by the auction system 800. This **bid** tagging techniques may eliminate the need for programmed delay latency considerations for remote **bidding** over networks such as the Internet 804.]

[0093] It will be appreciated that when the auction system 800 transmits updated pricing information, such as the last **bid** 814 and ask 816, for an auction item, there is some delay before it is...

...Additionally, additional time is consumed by the remote bidder system 802 processing and updating the **bid** box 812 with the new pricing information. Also, additional time is required for the user or bidder to recognize and process this new pricing information and for a **bid** from the remote bidder system 802 to be transmitted back to the auction system 800. This delay creates a likelihood that elsewhere in the auction a new **bid** may be received by the auction system 800 by other bidders. At that point in time, the pricing information in the client **bid** box 812 at the remote bidder system

contains inaccurate and out-of-date information...

...bidder system 802, a likelihood exists that a bidder at the remote system 802 will **submit** a **bid** based upon inaccurate and out-of-date information in the ask 816 of the **bid** box 812, which may prove problematic. For example, the auction system 800 may have \$125 as the current ask and \$100 for the last **bid** for an auctioned item, while the last **bid** 814 and ask 816 contain \$75 and \$100, respectively, on the client **bid** box when it has not yet been updated from the prior amounts. If the bidder at the remote bidder system 802 **submits** a **bid** at this point, a likelihood exists that the **bid** submitted by the remote bidder at the ask 816 of \$100 could in fact be...

...10 provides a unique technique for addressing these and other associated problems by tagging the **bid** sent by the remote bidder system 802 to the auction system 800. In one embodiment...

...each time the price for the auctioned item is updated, such as when a new **bid** is received at the auction system 800 or when the price is changed by individuals...

...for example, be a time stamp generated by the auction system 800 when the new **bid** is received. The unique identifier might also be a uniquely generated number, combinations of the...

...capable of uniquely identifying a transaction.

The auction system 800 would then transmit the updated **bid** or price information, such as the last **bid** 814 and ask 816 to the remote bidder system 802, including the unique identifier or...

...with the transmitted data.

[00951 When a bidder at the remote bidder system 802 subsequently **submits** a **bid**, the **bid**, which may be thought of as a message or signal, transmitted to the auction system 800 may include this tag. Thus, when the **bid** is received by the auction system 800, the tag can be compared with the tag...

...and the auction system 800 tag is the same, the auction system 800 enters the **bid** and associates it with the bidder at the remote bidder system 802. Where the remote...

...tag and the auction system 800 tag are different, the auction system 800 rejects the **bid** and notifies the remote bidder system 802 accordingly. In one embodiment, this notification could be

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identical to the "**bid** not taken" notification provided to a telephone bidder who **bids** while the **bidding** window is closed during one of the

programmed delays used to account for latency in...

...include the current pricing information, provides a means for ensuring that the price, whether **bid**, ask or otherwise, for the auctioned item is the same at the remote bidder system 802 at the time when the **bid** is placed by the bidder as it is at the time when the **bid** is accepted by the auction system 800.

[00961 Although the unique identifier or tagging technique...

...one skilled in the art based on the present disclosure to ensure that when the **bid** is placed at the remote bidder system 802, the **bid** is only accepted by the auction system 800 when the price for the item at the remote bidder system 802 at the time the **bid** was placed is the same as the price for the item at the auction system 800 when the **bid** is received or otherwise processed.

[00971 Although only a single remote bidder system 802 is...

...the actual location of the auction or auction system 800. For example, a bidder or **bid** spotter present at or near the auction may use a device, such as a personal...

...assistant, wireless phone, or other device operable to communicate over the Internet 804, to place **bids**. In other embodiments, the individual bidders and **bid** spotters at the auction may be provided with devices which communicate wirelessly or otherwise using...

...Blue Tooth, to communicate either directly or indirectly with the auction system 800 for placing **bids**. Although the Internet 804 is illustrated as a communication network used to communicate between the...

...occur based upon, for example, the bandwidth of a particular remote bidder system 802. As **bid** information is updated during the course of the auction, such information may be transmitted from...

...more bidder systems 802 on a periodic basis or predetermined basis, or only when the **bid** information has been updated or changed. Communication of this data may be accomplished, for example...

...on the remote bidder system 802 periodically polling the auction system 800 for the current **bid** pricing information. This latter technique may be useful where the remote bidder system 802 is...

...transmit current pricing information only when the price is updated, such as after a new **bid** is received and the last **bid** 814 and ask 816 are updated. As discussed above, in this and a number of...

...802 may be provided with a means for allowing a bidder to simply and

easily **bid** at the remote bidder system 802. For example, the client application may include a button or other user interfaces to allow the user to place **bids**, for example by clicking a mouse on a **bid** button.

[001011 In other embodiments, the remote bidder system 802 may be a standard telephone...

...of latency and delay considerations during the auction process. As such, a telephone bidder may **bid** on an item, such as by telephone keypad or voice response, and the **bid** may include a tag related to the current price of the auctioned item from the bidder's perspective. A number of techniques may be used for

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tagging the **bid**. For example, the bidder may, when making a **bid**, key-in a tag or identifier, such as entering the current **bid** price, time, or other sequences, or certain data may be obtained from the telephone communication...

...tag is to ensure that the price for the auctioned item at the time the **bid** is placed is the same as the price for the auctioned item at the auction system 800 when the **bid** is received or processed.

[00102] In another embodiment the system 10, as illustrated in Figure...

...used in combination with a second remote bidder systems 822 utilizing standard telephone systems communicating **bids**, such as via DTNIF signals, to the auction system 800 either directly or through subsystems ...

...above may be used in conjunction with the second remote bidder system 822, which communicates **bids** to the auction system 800 using the above-described latency and delayed techniques or the...

...system 800 is operable to employ both time delay and latency, as well as filtering **bid** tags depending on whether the **bids** originate from the second remote bidder system 822 or the remote bidder systems 802. The allows the auction system 800 to negotiate the various **bids** to promote an accurate and fair auction that provides bidders with confidence that the price at which the bidders intend to **bid** is the price that will be accepted by the auction system 800.

[001031 The auction...

...001051 It therefore can be seen that in one embodiment of the present remote auction **bidding** system allows participants at remote locations from the auction site, or physically present at the auction site and using devices to **submit bids**, to participate in an interactive manner in an auction. Participants may view, for example, still...

...described techniques or over traditional telephony networks (land based, mobile, or satellite), and may communicate **bids** utilizing an input device such as, for example, a traditional telephone or Internet accessible computers and devices. The auction is capable of incorporating and receiving **bids** from remote participants having multi-cultures, language, and currencies. Although more sophisticated communication devices including...

...integrating absent buyers with live events in one seamless and uniform environment whereby bidders either **bid** themselves, **bid to bid** spotter or **bid** to auctioneer.

[001071 In accordance with another embodiment, the present system provides for employing latency...

...component may be used substantially as described above, yet bidders may still have their intended **bid** incorrectly logged by the auction system. For example, the auction system transmits an updated price...

...system, but before it is received, the user of the remote bidder system decides to **bid** at the previous price. As the user is in motion to **bid**, such as by pressing a key on the remote bidder system, the new price is ...

...the new price, but before the user comprehends the changed price. The user, intending to **bid** at the earlier, lower price, actually **bids** at the later, higher price. The addition of latency control into the remote bidder system...

...is inherent in the present system.

[001081 The latency control prevents the system from accepting **bids** received by the auction system before users, such as users of the remote **bidding** system, have had sufficient time to comprehend and respond to the new, updated price. Thus...

...may allow the user time to comprehend the most recent price update and respond or **bid**.

[00109] In one embodiment, a first latency control component is present on the remote bidder...

...remote bidder system to comprehend a price update on the remote bidder system before accepting **bids** at the updated price. The latency control component

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may be operable to take a number of actions in response to receiving **bids** before the user has had time to comprehend an updated price, such as, for example, rejecting the **bid**, or notifying the user that the

price has changed and requesting that the user to confirm the **bid** at the updated price prior to sending the **bid** .

[001101 The second latency control component on the auction system may be

operable to manage the different latency control settings on the different **bidding** platforms. For example, the second latency control component may be set to the greatest latency...

...to the auction system before or during an auction, or at other times.

When a **bid** from a user of the remote bidder system is accepted as the new high **bid** , the auction system may transmit a signal to the remote bidder system to play the...

Claim

... the subject of the auction is offered;

a remote bidder system operable to communicate a **bid** including **bid** information to the auction system, the **bid** accepting the **offer** for the subject of the auction at the price established by the auction system, the auction system using at least a portion of the **bid** information to accept the **bid** where the price for the subject of the auction is the same when the **bid** is processed by the auction system and to reject the **bid** where the price for the subject of the auction has changed.

2 The system of...

...with the price of the subject at a time during the auction, and wherein the **bid** information includes a time related component comparable to the time related information maintained by the...

...the subject of the auction has changed.

4 The system of Claim 1, wherein the **bid** information includes a price component related to the price of the subject of the auction when the **bid** was made by the remote bidder system.

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. The system of Claim 1, wherein the **bid** information includes a first data indicative of an **offer** from the remote bidder system for the subject of the auction and a second data...

...8 The system of Claim 1, wherein the price is further defined as a current **bid** for the subject of the auction.

9 The system of Claim 1, wherein the price is further defined as an asking **bid** for the subject of the auction.

10 The system of Claim 1, wherein the remote...

...device is further defined as a mobile telephony device.

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. A method for remote auction **bidding** , comprising:
updating an auction system with an auction system current price
established by the
auction...

...the auction from the remote bidder system to the auction system, the
message including a **bid offer** based on the remote bidder system
current price, the **bid offer** accepting the auction system
current price for the subject of the auction;
accepting, by the auction system, the **bid offer** where a then current
price maintained by the auction system for the subject of the...

...same as the remote
bidder system current price; and
rejecting, by the auction system, the **bid offer** where the then
current price maintained by the auction system for the subject of the...

...the auction system current price was updated with the new amount;
receiving, by the remote **bidding** system, the new amount of the auction
system
current price and the unique identifier; and...

...identifier received from the remote bidder system to determine whether
the accept or reject the **bid** .

19 The method of Claim 13, wherein the **bid offer** is further defined
as a data interpreted by the auction system as an **offer** by the remote
bidder system for the subject of the action, and wherein the message...

...system to update the remote bidder system current price.

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. A method for remote auction **bidding** , comprising:
updating an auction system with an auction system current price
established by the
auction...

...the auction from the remote bidder
system to the auction system, the message including a **bid offer**
acknowledging acceptance by the remote bidder system of the auction
system
current price for the subject of the auction;
accepting, by the auction system, the **bid offer** where the auction
system current price
for the subject of the auction has not changed; and
rejecting the **bid offer** where the auction system current price for

the subject of the action has changed.

22...

...accepting and rejecting, by the auction system, further comprise:
accepting, by the auction system, the **bid offer** where the auction system current price for the subject of the auction has not changed and the **bid offer** is more than the auction system current price for the subject of the auction; and
rejecting the **bid offer** where the auction system current price for the subject of the action has changed and the **bid offer** is more than the auction system current price for the subject of the auction.

23...

...accepting and rejecting, by the auction system, further comprise:
accepting, by the auction system, the **bid offer** where the auction system current price for the subject of the auction is the same on both the auction system and the remote bidder system; and
rejecting the **bid offer** where the auction system current price for the subject of the action on the auction...

...from the auction system to the remote bidder system related to the message with the **bid offer**.

26 The method of Claim 25, wherein the message includes the tag.

27 The method...

...communication with the auction system via the first network and operable to communicate a first **bid** to the auction system including a tag related to a price for the subject of...

...the auction system using at least the tag to determine whether to accept the first **bid**; and a second remote bidder system in communication with the auction system via the second network, the second remote bidder operable to communicate a second **bid** to the auction system.

31 The system of Claim 30, wherein the first network uses...

...system of Claim 30, wherein the second remote bidder is operable to communicate the second **bid** using a dual-tone multi-frequency signal.

55

. A method for conducting an auction to...

...a winning bidder who receives the subject of the auction in exchange for the winning **bid**, the auction having bidders, where a plurality of

bidders have data input devices for communicating...

...plurality of bidders having data input devices over a second network, comprising;
generating an asking **bid** ;
displaying at the auction site in real-time, the asking **bid** ;
broadcasting in real-time over the second network the asking **bid** to at least one
of the plurality of bidders having data input devices;
generating **bid** acceptance signals representing a desire to acquire the subject of
the auction at a current **bid** by the bidders using the data input devices
communicating over the first network to the auction site wherein at least one of the bidders using data input devices is a **bid** spotter acting as a
bidder on behalf of a plurality of bidders, generating **bid** acceptance signals representing a desire to acquire the subject of the auction at a current **bid** by using the data input devices communicating over the network to the auction site and wherein if a **bid** spotter is the winning bidder, then the bidder on whose behalf the **bid** spotter made the winning
bid is the bidder who receives the subject of the auction.;
beginning a **bid** acceptance time window in which to accept **bid** acceptance
signals;
monitoring the first network for **bid** acceptance signals;
accepting a first **bid** acceptance signal after the **bid** acceptance time window
begins;
terminating the **bid** acceptance time window after receiving the first
bid
acceptance signal and prior to receiving any subsequent **bid** acceptance
signals;
identifying the bidder whose **bid** acceptance signal was accepted as the current
bid ;
changing the asking **bid** to the current **bid** ;
56
repeating at least one additional cycle of generating, displaying,
broadcasting, generating, beginning, monitoring, accepting, terminating,
identifying, and changing, wherein each cycle starts with a new asking
bid and ends with a new current **bid** which was the preceding new asking
bid .

35 The method of claim 34, wherein the auction site comprises the location of at least one computer participating in running the **bidding** system and the location of the auctioneer.

36 The method of claim 35, wherein the at least one computer participating in running the **bidding** system and the auctioneer are located in the same building.

37 The method of claim...

...located in a different building than the at least one computer participating in running the **bidding** system and hence wherein the auction site comprises more than one location.

38 The method of claim 34, wherein broadcasting in real-time over the network the asking **bid** to at least one of the plurality of bidders having data input devices comprises broadcasting in real-time over the network the asking **bid** to at least one of the plurality of bidders having data input devices located in...

...The method of claim 34, wherein broadcasting in real-time over the network the asking **bid** to at least one of the plurality of bidders having data input devices comprises broadcasting in real-time over the network the asking **bid** to at least one of the plurality of bidders having data input devices located at...

...The method of claim 34, wherein broadcasting in real-time over the network the asking **bid** to at least one of the plurality of bidders having data input devices comprises broadcasting in real-time over the network the asking **bid** to at least one of the plurality of bidders having data input devices located in...

...located at the auction site.

44 The method of claim 34, wherein at least one **bid** spotter and the plurality of bidders on whose behalf the **bid** spotter is **bidding** are located at the auction site.

45 The method of claim 34, wherein at least one **bid** spotter and the plurality of bidders on whose behalf the **bid** spotter is **bidding** are located in a remote location from the auction site.

46 The method of claim...

...wherein at least one of the plurality of bidders using data input devices is a **bid** spotter and at least one of the plurality of bidders using data input devices is...

...claim 47, wherein at least one of the plurality of bidders on whose behalf the **bid** spotter is acting as a bidder is also independently generating acceptance signals with a data...

...a winning bidder who receives the subject of the auction in exchange for

the winning **bid0** , the auction having bidders, where a plurality of bidders have data input devices for communicating...

...plurality of bidders having data input devices over a second network, comprising;
generating an asking **bid** ;
displaying at the auction site in real-time, the asking **bid** ;
broadcasting in real-time over the second network the asking **bid** to at least one
of the plurality of bidders having data input devices;
generating **bid** acceptance signals representing a desire to acquire the subject of
the auction at a current **bid** by the bidders using the data input devices
communicating over the first network to the auction site;
beginning a **bid** acceptance time window in which to accept **bid** acceptance
signals;
monitoring the first network for **bid** acceptance signals;
accepting a first **bid** acceptance signal after the **bid** acceptance time window
begins;
terminating the **bid** acceptance time window after receiving the first
bid
acceptance signal and prior to receiving any subsequent **bid** acceptance
signals;
identifying the bidder whose **bid** acceptance signal was accepted as the
current
bid ;
changing the asking **bid** to the current **bid** ;
generating a response communicating confirmation of **bid** acceptance and
communicating the response over the first network to the bidder having
the
current **bid** ;
generating a response communicating that the bidder is no longer the high
bidder over the...

...monitoring, accepting, terminating, identifying, and
59

changing, wherein each cycle starts with a new asking **bid** and ends with
a new current **bid** which was the preceding new asking **bid** .

50 The method of claim 49, further comprising:
generating a response communicating **bid** not accepted and
communicating
the
response over the first network to each bidder who communicates a **bid**
acceptance received after the **bid** acceptance time window terminated.

51 A method for conducting an auction to produce a winning bidder who receives the subject of the auction in exchange for the winning **bid** , the auction having bidders, where a plurality of bidders each belonging to one of a...

...plurality

of bidders having data input devices over a second network, comprising;
generating an asking **bid** ;

displaying at the auction site in real-time, the asking **bid** ;

broadcasting in real-time over the second network the asking **bid** to at least one

of the plurality of bidders having data input devices;

generating **bid** acceptance signals representing a desire to acquire the subject of

the auction at a current **bid** by the bidders using the data input devices

communicating over the first network to the auction site;

beginning a first **bid** acceptance time window for a first group of bidders in

which to accept **bid** acceptance signals after delaying a first controlled

amount of time following broadcasting the asking **bid** ;

monitoring the first network for **bid** acceptance signals;

beginning a second **bid** acceptance time window for a second group of bidders

in which to accept **bid** acceptance signals after delaying a second controlled amount of time following broadcasting the asking **bid** wherein the second controlled amount of time is longer than the first controlled amount of time;

accepting a first **bid** acceptance signal after the first **bid** acceptance time window

begins;

60

terminating all **bid** acceptance time windows after receiving the first **bid**

acceptance signal and prior to receiving any subsequent **bid** acceptance signals;

identifying the bidder whose **bid** acceptance signal was accepted as the current

bid ;

changing the asking **bid** to the current **bid** ;

repeating at least one additional cycle of generating, displaying, broadcasting, generating, beginning, monitoring, accepting, terminating, identifying, and changing, wherein each cycle starts with a new asking **bid** and ends with a new current **bid** which was the preceding new asking **bid** .

52 The method of claim 5 1, further comprising after beginning a second **bid** acceptance time window, beginning a third **bid** acceptance time window for a third group of bidders in which to accept **bid** acceptance signals after delaying a third controlled amount of time following broadcasting the asking **bid** wherein the third controlled amount of time is longer than the second controlled amount of time.

53 The method of claim 5 1, wherein the first **bid** acceptance signal is transmitted by one of the first group of bidders and is accepted before the second **bid** acceptance time window opens.

54 The method of claim 5 1, wherein the first **bid** acceptance signal is transmitted by either of the first or second group of bidders and is accepted after the second **bid** acceptance time window opens.

55 The method of claim 5 1, wherein the first group...

...subject of the auction is

offered; and

a remote bidder system operable to communicate a **bid** including **bid** information to the auction system, the **bid** accepting the **offer** for the subject of the auction at the price established by the auction system, the auction system using at least a portion of the **bid** information and a delay component to determine whether to accept the **bid**

59 The system of Claim 58, wherein the auction system uses at least a portion of the **bid** information to determine whether to accept the **bid** based on whether the price for the subject of the auction has changed, the auction system further to determine whether to accept the **bid** using the delay component which includes a delay time after the price for the subject of the auction is changed before the auction system will accept **bids**.

60 The system of Claim 59, wherein the delay time is equal to a comprehension...

...the auction system to the remote bidder system before the auction system accepts a new **bid** from the remote bidder system.

62 The system of Claim 5 9, wherein the delay...

...the auction system to the remote bidder system before the auction system accepts a new **bid** from the remote bidder system.

63 The system of Claim 59, wherein the **bid** information used by the auction system to determine whether to accept the **bid** includes a price component related to the price of the subject of the auction when the **bid** is transmitted from the remote bidder system to the auction system.

64 The system of...

...the price of the subject of the auction at the remote bidder system when the **bid** is transmitted to the auction system.

65 The system of Claim 59, wherein the **bid** information used by the auction system to determine whether to accept the **bid** includes a time component associated with when auction system updated the price of the subject...

...price of the subject of the auction.

67 The system of Claim 58, wherein the **bid** information includes a first data indicative of an **offer** from the remote bidder system for the subject of the auction and a second data...

...of an updated price for the subject of the auction before allowing the user to **bid** at the updated price.

72 The system of Claim 71, further comprising a second delay...

...price for the subject of the auction is changed before the auction system will accept **bids**.

73 The system of Claim 72, further comprising a phone system coupled to the auction system and operable to communicate **bids** to the auction system via a telephone, the auction system operable to accept **bid** from the telephone via the telephone.

64

. A method for remote auction **bidding**, comprising:
updating an auction system with an auction system current price established by the auction...

...of the auction system current price, the auction component using the delay component to reject **bids** received before expiration of a time portion of the delay component; communicating the auction system...

...the auction from the remote bidder system to the auction system, the message including a **bid offer** based on the remote bidder system current price, the **bid offer** accepting the auction system current price for the subject of the auction; accepting, by the auction system, the **bid offer** where a then current price maintained by the auction system for the subject of the...

...the time portion of the delay component has expired;

rejecting, by the auction system, the **bid offer** where a then current price maintained by the auction system for the subject of the...

...portion of the delay component

has not expired; and

rejecting, by the auction system, the **bid offer** where the then current price maintained by the auction system for the subject of the...

...is different than the remote bidder system current price.

65

. A method for remote auction **bidding**, comprising:
updating an auction system with an auction system current price established by the
auction...

...displaying the auction system current price on the remote bidder system; and identifying a **bid** by a user using the remote bidder placed before an expiration of a comprehension time...

...auction system current price displaying on the remote bidder system to prevent the user from **bidding** at a previous price for the subject of the auction.

76 The method of Claim 75, further comprising preventing the **bid** by the user using the
remote bidder system when the **bid** is placed before the expiration of the
comprehension time following the auction system current price...

...remote bidder system.

77 The method of Claim 75, further comprising warning user where the **bid** by the user
using the remote bidder system was placed before the expiration of the...

...system.

78 The method of Claim 75, further comprising requesting the user to confirm the **bid** by the user using the remote bidder system where the **bid** was placed before the expiration of the comprehension time following the auction system current price...

...high bidder status, a no longer high bidder status, a winning bidder status, and a **bid** accepted status.

88 The distributed interactive voice response system of Claim 79, wherein the status...

...a telephony based system in communication with the auction system and operable for telephone based **bidding** for the subject of the auction, the telephony based system providing interactive voice responses to...

...a bidder
status information relative to a subject of the interactive auction; transmitting a **bid** for the subject of the interactive auction to an auction system; and transmitting a signal...

...files each providing different bidder status information.

93 The method of Claim 90, wherein the **bid** is further defined as a high **bid** from a user of the remote bidder system for the subject of the interactive auction...

...recording indicating the bidder status information.

95 The method of Claim 90, wherein transmitting the **bid** for the subject of the interactive auction further includes transmitting the **bid** from a telephony based system having an interactive voice response system.

69

. A graphical display...

...auction related information regarding a subject-matter of an auction, the graphical display comprising:
a **bid** portion to display a **bid** amount related to a current **bid** price for the subject-matter of the auction, the **bid** portion operable in response to the auction system accepting a new **bid** price to update the **bid** amount with the new **bid** price; and
an ask portion to display an ask amount related to a current ask...

...the auction, the ask price operable in response to the auction system accepting the new **bid** price to update the ask amount with a new ask amount.

97 The graphical display of Claim 96, wherein the **bid** portion and the ask portion are displayable in a graphical user interface window on a computer system display.

98 The graphical display of Claim 96, wherein the **bid** portion and the ask portion are displayable in a video broadcast.

99 The graphical display...

...a bidder portion to display a bidder identifier to identify a bidder

associated with the **bid** amount displayed in the **bid** portion. 100. The graphical display of Claim 96, further comprising a **bid** increment portion to display a **bid** increment associated with an amount the ask amount is increased relative to the **bid** amount. 101. The graphical display of Claim 100, further wherein the ask amount displayed in the ask portion is obtained by increasing the **bid** amount by the **bid** increment. 102. The graphical display of Claim 96, further comprising a status portion including a close **bidding** indicator, a warning indicator, and a start **bidding** indicator.

70

. The graphical display of Claim 96, further comprising a currency indicator indicating the currency of the **bid** amount and the ask amount. 104. The graphical display of Claim 96, further comprising a first and a second currency indicators disposed adjacent the **bid** and ask portions, and wherein the **bid** amount and the ask amount are provided in a first and second currencies such that the **bid** and ask amounts in the first currency are associated with the first currency indicator and such that the **bid** and ask amounts in the second currency are associated with the second currency indicator. 105...

...of the auction participants, the interactive voice response system operable in response to receiving a **bid** from one of the auction participants to communicate a voice response to other participants affected by the **bid** . 107. The system of Claim 106, wherein at least some of the plurality of participants...

...response system is further operable in response to the auction system receiving a new high **bid** for the subject of the auction to notify a previous high bidder participant regarding the new high **bid** . 110. The system of Claim 106, wherein the interactive voice response system is further operable in response to the auction system closing **bidding** on the subject of the auction to notify at least some of the plurality of...

...method comprising:

communicating to an auction system, by a first auction participant system, a first **bid** for a subject of the auction;
determining whether the first **bid** is a current high **bid** for the subject of the auction; notifying, by the auction system via a voice response...

...first auction participant system that the user is a current high bidder where the first **bid** is the current high **bid** for the subject of the auction; communicating to the auction system, by a second auction participant system, a second **bid** for a subject of the auction;
determining whether the second **bid** is the current high **bid** for the subject of the

auction;
notifying, by the auction system via the voice response...

...auction participant system that the second user is the current high bidder where the second **bid** is the current high **bid** for the subject of the auction; and
notifying, by the auction system via the voice...

12/3,K/3 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0014752575 - Drawing available

WPI ACC NO: 2005-100206/200511

Related WPI Acc No: 2000-087106; 2002-590154; 2004-010230; 2004-796253;

2005-456561

XRPX Acc No: N2005-087029

Graphical display device e.g. video telephone conferencing display, for

interactive remote auction bidding system, has ask portion displaying ask

amount, and ask price accepting new bid price to update ask amount with new amount

Patent Assignee: DINWOODIE D L (DINW-I)

Inventor: **DINWOODIE D L**

Patent Family (1 patents, 1 countries)

Patent

Application

Number	Kind	Date	Number	Kind	Date	Update
US 20050010520	A1	20050113	US 199886877	A	19980529	200511 B
		US 20015808	A	20011203		
		US 2003423583	A	20030425		
		US 2004831038	A	20040423		

Priority Applications (no., kind, date): US 2003423583 A 20030425; US 20015808 A 20011203; US 199886877 A 19980529; US 2004831038 A 20040423

Patent Details

Number Kind Lan Pg Dwg Filing Notes

US 20050010520 A1 EN 23 8 C-I-P of application US 199886877
C-I-P of application US 20015808
Continuation of application US

2003423583

C-I-P of patent US 6415269

Graphical display device e.g. video telephone conferencing display, for interactive remote auction bidding system, has ask portion displaying ask amount, and ask price accepting new bid price to update ask amount with new amount

Original Titles:

Interactive remote auction **bidding** system

Inventor: **DINWOODIE D L**

Alerting Abstract ...NOVELTY - The device has a **bid** portion to display a **bid** amount related to a current **bid** price of an auction. The **bid** portion accepts a new **bid** price to update the **bid** amount with the new **bid** price in response to an auction system. An ask portion displays an ask amount related to a current ask price of the auction. The ask price accepts the new **bid** price to update the ask amount with a new ask amount, in response to the...

...USE - Used for providing auction related information in an interactive remote auction **bidding** system.

...

...DESCRIPTION OF DRAWINGS - The drawing shows a flow chart of an interactive remote auction **bidding** system for conducting an auction among participants.

Title Terms.../Index Terms/Additional Words: **BID** ;

Original Publication Data by Authority

Inventor name & address:

Dinwoodie, David L ...

Original Abstracts:

An interactive remote auction **bidding** system for conducting an auction utilizes a data input device for communication over a network to the auction site. The system includes a data processor located at the auction site for generating **bid** information for communication **over** the network to the remote locations. A processor located at the auction side monitors the participants' data input devices for sensing participant **bids** generated by the **participants** ' data input devices. The system further displays visual **bid** information at the **auction** site for transmission over the network to the participants and generates audible **bid** information in support of that visual **bid** information.

Claims:

...auction related information regarding a subject-matter of an auction, the graphical display comprising: a **bid** portion to display a **bid** amount related to a current **bid** price for the subject- **matter** of the auction, the **bid portion** operable in response to the auction system accepting a **new bid** price to update the **bid** amount with the new **bid price**; and an ask portion **to** display an ask amount **related** to a current ask price for the subject-matter of the auction, the ask price operable in response to the auction system accepting the new **bid** price to update the ask amount with a new ask amount.

12/3,K/7 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0009797980 - Drawing available

WPI ACC NO: 2000-087106/200007

Related WPI Acc No: 2002-590154; 2004-010230; 2004-796253; 2005-100206;

2005-456561

XRPX Acc No: N2000-068372

Real-time interactive remote auction bidding system for bidders located at remote places

Patent Assignee: BIDCATCHER LP (BIDC-N); DINWOODIE D L (DINW-I); GINGTOU

LP (GING-N)

Inventor: **DINWOODIE D L**

Patent Family (9 patents, 82 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1999063461	A1	19991209	WO 1999US11135	A	19990520	200007 B
AU 199940065	A	19991220	AU 199940065	A	19990520	200021 E
EP 1082679	A1	20010314	EP 1999923247	A	19990520	200116 E
			WO 1999US11135	A	19990520	
CN 1303503	A	20010711	CN 1999806815	A	19990520	200159 E
JP 2002517824	W	20020618	WO 1999US11135	A	19990520	200242 E
			JP 2000552605	A	19990520	
US 6415269	B1	20020702	US 199886877	A	19980529	200248 E
AU 761139	B	20030529	AU 199940065	A	19990520	200346 E
MX 2000011779	A1	20020401	WO 1999US11135	A	19990520	200363 E
			MX 200011779	A	20001129	
MX 224551	B	20041117	WO 1999US11135	A	19990520	200558 E
			MX 200011779	A	20001129	

Priority Applications (no., kind, date): US 199886877 A 19980529

Patent Details

Number Kind Lan Pg Dwg Filing Notes

WO 1999063461 A1 EN 24 4

National Designated States,Original: AL AM AT AU AZ BA BB BG BR BY CA CH

CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI

SK SL TJ TM TR TT UA UG UZ VN YU ZW

Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

AU 199940065 A EN Based on OPI patent WO 1999063461

EP 1082679 A1 EN PCT Application WO 1999US11135

Based on OPI patent WO 1999063461

Regional Designated States,Original: AT BE CH DE DK ES FR GB IE LI LU NL SE

JP 2002517824 W JA 25 PCT Application WO 1999US11135

Based on OPI patent WO 1999063461

AU 761139 B EN Previously issued patent AU 9940065

Based on OPI patent WO 1999063461

MX 2000011779 A1 ES PCT Application WO 1999US11135

Based on OPI patent WO 1999063461

MX 224551 B ES PCT Application WO 1999US11135

Based on OPI patent WO 1999063461

Real-time interactive remote auction bidding system for bidders located at remote places

Original Titles:

...INTERACTIVE REMOTE AUCTION **BIDDING** SYSTEM...

...Interactive remote auction **bidding** system...

...INTERACTIVE REMOTE AUCTION **BIDDING** SYSTEM...

Inventor: **DINWOODIE D L**

Alerting Abstract ...NOVELTY - A processor (26) at auction site (14) generates **bid** information and displays it on a video display (32). A dual tone multifrequency receiver/processor monitors the telephone network for **bid** data and captures bidder **bid** acceptances until a final **bid** is accepted. The displayed information is read by a broadcaster system (34) and is then...

...DESCRIPTION OF DRAWINGS - The figure shows the block diagram of an

interactive remote auction **bidding** system...

Title Terms.../Index Terms/Additional Words: **BID** ;

Original Publication Data by Authority

Inventor name & address:

Dinwoodie, David Lionel ...

... **DINWOODIE D L** ...

... **DINWOODIE D L** ...

... **Dinwoodie, David Lionel** ...

... **DINWOODIE, David, Lionel**

Original Abstracts:

An interactive remote auction **bidding** system for conducting **an** auction among participants located at remote locations from the auction site utilizes a data input...

...auction site. The system includes a data processor located at the auction site for generating **bid** information for communication **over** the network to the remote locations. A processor located at the auction site monitors the participants' data input devices for sensing participant **bids** generated by the **participants** ' data input devices. The system further displays visual **bid** information at the **auction** site for transmission over the network to the participants and generates audible **bid** information in support **of** that visual **bid** information.

...

...An interactive remote auction **bidding** system for conducting an **auction** among participants located at remote locations from the auction site utilizes a data input device...

...auction site. The system includes a data processor located at the auction site for generating **bid** information for communication over **the** network to the remote locations. A processor located at the auction side monitors the participantsprime data input devices for sensing participant **bids** generated by the participantsprime **data** input devices. The system further displays visual **bid** information at the auction **site** for transmission over the network to the participants and generates audible **bid** information in support of **that** visual **bid** information.

...

...An interactive remote auction **bidding** system for conducting an auction

among participants located **at** remote locations from the auction site utilizes a data input device for communication over a...

...auction site. The system includes a data processor located at the auction site for generating **bid** information for communication over the network to the **remote** locations. A processor located at the auction site monitors the participants' data input devices for sensing participant **bids** generated by the participants' data input devices. The **system** further displays visual **bid** information at the auction site for transmission over **the** network to the participants and generates audible **bid** information in support of that visual **bid** information.

Claims:

...a winning bidder who receives the subject of the auction in exchange for the winning **bid**, the **auction** having bidders located remote from the auction site, where bidders have data input devices for...

...over a network to the auction site, comprising: generating at the auction site an asking **bid**; displaying at the **auction** site in real-time, the asking **bid**; broadcasting in real-time over **the** network the asking **bid** to bidders remote from the auction site; **generating bid** acceptance signals representing a desire to acquire the subject **of** the auction at a current **bid** by the bidders using the data input devices communicating **over** the network to the auction site; delaying a variable controlled time window before accepting a first of a plurality of **bid** acceptance signals at the auction site; monitoring the network for **bid acceptance** signals; accepting a first **bid** acceptance signal after the variable controlled time **window**; identifying at the auction site the bidder **whose bid** acceptance signal was accepted as the current bidder; changing the asking **bid** to the current **bid**; adjusting **the** variable controlled time window before accepting subsequent **bid** acceptance signals to a second **variable** controlled time window; **generating** at the auction site a second asking **bid**; displaying at the **auction** site in real-time, a second asking **bid** and the current **bid**; broadcasting in real-time over the network **the** second asking **bid** and the current **bid** to bidders remote from the auction **site**; delaying the second **variable** controlled time window before accepting subsequent **bid** acceptance signals; monitoring the network **for bid** acceptance signals; **accepting** a first **bid** acceptance signal after the second variable controlled time window; identifying at the auction site the bidder **whose bid** acceptance signal was accepted as the new **current** bidder; and changing the second asking **bid to** the new current **bid**.>

12317778

The auction **network** software.

CLASS: TX (Textual Works); unpublished

LC RETRIEVAL CODE: C (Machine-readable works)

STATUS: Registered

REGISTRATION NUMBER: TXu937789

DATE REGISTERED: January 31, 2000 (20000131)

REGISTRATION DEPOSIT: Computer program.

The auction **network** software

AUTHOR(s): **Dinwoodie, David L.**

~~Bibliographic patent files

23/3,K/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0015523593 - Drawing available

WPI ACC NO: 2006-087741/200609

Related WPI Acc No: 2006-432508

XRPX Acc No: N2006-076237

Item auctioning method e.g. for car, involves selling item based on high

bid, if remote seller selects option approving sale from option display format on internet browser

Patent Assignee: MANHEIM INTERACTIVE INC (MANH-N)

Inventor: DAVIS T; SCHOEN B; WARREN G

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20060004646	A1	20060105	US 2004882658	A	20040702	200609 B

Priority Applications (no., kind, date): US 2004882658 A 20040702

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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US 20060004646	A1	EN	35	12		
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Original Publication Data by Authority

Original Abstracts:

...indicate to the auctioneer an approval to sell an item on the block at the **current high bid** price. **The remote seller** may also send a

counteroffer to the **current high** bidder, "if" **the sale** or reject the **high bid** to result in a no sale. The computer system detects when the remote seller is temporarily inactive to **allow** the auctioneer to **proceed** as if the seller were not present. The remote seller feature can be used on...

*****of interest***** (bad date)

23/3,K/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0014233845 - Drawing available

WPI ACC NO: 2004-419794/200439

XRPX Acc No: N2004-333217

Processor for electronic trading of financial instrument, parses messages

from market participants that bid/offer for sale of financial instrument

and displays parsed data to receive bid/offer better than bid/offer prevailing in markets

Patent Assignee: BOSTON OPTIONS EXCHANGE GROUP LLC (BOST-N)

Inventor: BERTRAND L; BERTRAND L B O E G L; LEIBLER K; LEIBLER K B O E G L;

PETERFFY T; PETERFFY T B O E G L

Patent Family (6 patents, 104 countries)

Patent

Application

Number	Kind	Date	Number	Kind	Date	Update
WO 2004042514	A2	20040521	WO 2003US34475	A	20031030	200439

B

AU 2003291661	A1	20040607	AU 2003291661	A	20031030	200469	E
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US 20040254804	A1	20041216	US 2002422408	P	20021030	200482	E
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US 2003697851 A 20031030

EP 1586047	A2	20051019	EP 2003768550	A	20031030	200568	E
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WO 2003US34475 A 20031030

JP 2006505070	W	20060209	WO 2003US34475	A	20031030	200612	E
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JP 2004550250 A 20031030

AU 2003291661	A8	20051117	AU 2003291661	A	20031030	200638	E
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Priority Applications (no., kind, date): US 2003697851 A 20031030; US 2002422408 P 20021030

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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WO 2004042514	A2	EN	40	5		
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National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR

BY

BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID

IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ

NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT
TZ UA

UG UZ VC VN YU ZA ZM ZW

Regional Designated States,Original: AT BE BG CH CY CZ DE DK EA EE ES FI
FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK
SL SZ

TR TZ UG ZM ZW

AU 2003291661 A1 EN Based on OPI patent WO 2004042514

US 20040254804 A1 EN Related to Provisional US 2002422408

EP 1586047 A2 EN PCT Application WO 2003US34475

Based on OPI patent WO 2004042514

Regional Designated States,Original: AL AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

JP 2006505070 W JA 19 PCT Application WO 2003US34475

Based on OPI patent WO 2004042514

AU 2003291661 A8 EN Based on OPI patent WO 2004042514

...offer for sale of financial instrument. The messages are parsed to
obtain prize, size and **time stamp bid / offer** data that is stored in
electronic order book. The stored data is displayed to participants...

...prevailing in markets within set period. Based on received offer/bid,
the electronic book is **updated** .

Class Codes

International Classification (Main): **G06F** , ...

... **G06F-017/00** ...

... **G06F-017/60**

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0040/00 ...

Original Publication Data by Authority

Claims:

...from market participants that bid for purchase or offer for sale of a
financial instrument, **said** receiver **time - stamping received**
information messages;(b) an electronic order book;(c) an updater
communicating with said receiver and said electronic order book for
qualifying and parsing price, size and **time - stamp bid or offer** data

from information messages received on said receiver and **entering said parsed data** on **said** electronic order book with priority tracked by instrument in **price** and time-stamp of a received and qualified message;(d) a transmitter communicating with said electronic order book for display to market participants anonymous data **entered** on said electronic order book;(e) a price improvement period timer communicating with said updater (i) **initiated** upon receipt by said receiver of an information message from a qualified market participant containing a bid or offer at or better than a preset price improvement over the **best** bid or offer prevailing across multiple markets for a particular instrument and (ii) terminated upon an elapsing of **a** preset price improvement period time less than a minute and commensurate with market risk; and...
...said termination matches of bids or offers for said particular instrument, data for which are **entered** on said electronic order book, against market offers or bids in said order, subject to a partial time priority for **said** qualified market participant, and updating said electronic order book accordingly.

23/3,K/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0007657294 - Drawing available

WPI ACC NO: 1996-277268/199628

Digital processing system with intelligent posted write buffer and look-ahead instruction prefetch buffer - has CPU which sends signal to

intelligent posted write buffer (IPWB) to transfer any of portion of write-to-memory data located to CPU without first transferring any of

portion of write-to-memory data to main memory

Patent Assignee: VLSI TECHNOLOGY INC (VLSI-N)

Inventor: POTTS W H; VERMA D

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 5524220	A	19960604	US 1994298988	A	19940831	199628 B

Priority Applications (no., kind, date): US 1994298988 A 19940831

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 5524220	A	EN	6	3		

Original Publication Data by Authority

Original Abstracts:

...CPU initiates a request for instruction code from the main memory and for accelerating the **submission** of the portion **of** instruction code to said CPU means upon request by said CPU means without a memory system delay

that is usually required when accessing a **larger** number of memory **locations** in the main memory each time the CPU initiates an instruction code request. An intelligent **posted** write buffer (IPWB) **is** also provided for temporarily storing in a first-in first-out (FIFO) configuration a portion...

*****of interest*****

23/3,K/16 (Item 16 from file: 347)

DIALOG(R)File 347:JAPIO

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06124649 **Image available**

COMPOUND RADIO AUCTION METHOD AND DEVICE THEREFOR

PUB. NO.: 11-066186 [JP 11066186 A]

PUBLISHED: March 09, 1999 (19990309)

INVENTOR(s): SHOJU YOICHI

HARANO SHOTARO

IIDA MASASHI

TAMURA TOSHIHIKO

APPLICANT(s): NKK CORP

APPL. NO.: 09-228286 [JP 97228286]

FILED: August 25, 1997 (19970825)

INTL CLASS: **G06F-019/00**

ABSTRACT

... BE SOLVED: To accurately transmit auction information by using optical communication for data which prefers **real time** communication and radio

wave communication for a **large** amount of data which **allows** a little delay.

SOLUTION: When a desired price is displayed as an auction, an auction participant operates his or her auction terminal to sends a **tender** request by optical communication. This **tender** request is **only** for stopping the auction display board 20 at the desired price. Through the optical communication, information on **only** the ID of an auction board number and the auction participant is sent more than...

... board-memory movement. Thus, an auction control part 13 inquires a desired quantity and the **time stamp** at the **time** of the **tender** request of the auction participant's terminal machine having sent the

effective **tender** request by using a radio wave. The auction control part 14 gives successful **bid** in the **time stamp** order, reports the result to the terminals of the auction participants and bidders and displays...

~~Full text patent files

20/3,K/5 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01473194 **Image available**

SYSTEM AND METHOD FOR LIMITING AGGRESSIVE TRADING IN AN ELECTRONIC TRADING

SYSTEM

SYSTEME ET PROCEDE DE LIMITATION D'UNE NEGOCIATION AGRESSIVE DANS UN

SYSTEME DE NEGOCIATION ELECTRONIQUE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200716458 A2-A3 20070208 (WO 0716458)

Application: WO 2006US29679 20060728 (PCT/WO US2006029679)

Priority Application: US 2005703623 20050729; US 2006495254 20060727

Designated States:

(All protection types applied unless otherwise stated - for applications
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE
DK DM

DZ EC EE EG ES FI GB GD GE GH GM HN HR HU ID IL IN IS JP KE KG KM
KN KP

KR KZ LA LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MZ NA NG NI
NO NZ

OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ

UA UG

US UZ VC VN ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV

MC NL

PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9819

International Patent Class (v8 + Attributes)

IPC + Level Value Position Status Version Action Source Office:

G06Q-0040/00 ...

Fulltext Availability:

Detailed Description

Detailed Description

... system 10. An order price feed 26 may be a real time (or substantially real **time**) stream **indicating** the current best **bid** and/or **offer** that trader 12 is willing to send or make available for an instrument. For example, a particular market maker 12b may supply order price feed 26 (e.g., **bid - offer** spreads) to multiple trading exchanges 40 and/or trading platforms 18 to **allow** that market maker 12b to flood the general marketplace with its best **bid** and **offer** price. According to certain embodiments, market maker 12b generates revenue by persistently trading at its **bid** and **offer** prices and profiting the difference. Such a strategy may be referred to as "trading the **bid - offer** spread." Terminals 14 may be communicatively coupled to trading platform 18 via **network** 20. **Network** 20 is a communication platform operable to exchange data or information between terminals 14 and trading platform 18 and/or market centers 40. In some embodiments, **network**

20

may represent an **Internet** architecture that enables terminals 14 to communicate with platform 18 and/or market centers 40. In other embodiments, **network** 20 may be a plain old **telephone** system

(POTS),

which traders 12 could use to perform the same operations or functions.

In some embodiments, **network** 20 may be any packet data **network** (PDN)

offering a communications interface or exchange between any two nodes in system 10. **Network** 20 may further comprise any combination of the above

examples and any local area **network** (LAN), metropolitan area

network

(MAN), wide area **network** (WAN), wireless local area **network** (WLAN), **virtual** private **network** (VPN), intranet, or any other appropriate

architecture or system that facilitates communications between terminals
14...

20/3,K/10 (Item 10 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00826121 **Image available**

**APPARATUS, METHOD AND PROGRAM FOR A FIXED INCOME TRADING
SYSTEM**

**APPAREIL, PROCEDE ET PROGRAMME POUR SYSTEME DE
NEGOCIATION DE VALEURS A
REVENU FIXE**

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200159661 A2 20010816 (WO 0159661)

Application: WO 2001US3987 20010208 (PCT/WO US0103987)

Priority Application: US 2000500322 20000208

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM
DZ EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT

LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK
SL TJ TM

TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 38023

Main International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... of Book include: i) an ordered list of price/time
sequenced bids and offers; ii) **most** recent trade information
such as amount, price, **time** , hit/ **take** , and **indicator** ; and iii)
settlement date information. **Bids** are preferably sequenced
from highest to lowest price, Offers are preferably sequenced
from lowest to...

*****of interest*****

20/3,K/11 (Item 11 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00826119 **Image available**

**DATA PROCESSING SYSTEM FOR CONDUCTING A MODIFIED ON-LINE
AUCTION**

**SYSTEME DE TRAITEMENT DE DONNEES UTILE POUR REALISER UNE
VENTE AUX ENCHERES
EN-LIGNE MODIFIEE**

Patent Applicant/Assignee:

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Inventor(s):

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200159658 A1 20010816 (WO 0159658)

Application: WO 2001US3935 20010207 (PCT/WO US0103935)

Priority Application: US 2000180947 20000208; US 2000545562 20000407

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE

ES FI GB GD GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR

TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 17355

Main International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Claims

Claim

... Auction ID field 96 is used to access a particular auction record (see Figure 3b). **Time stamp** 100 indicates the **time** and date that the **bid** was received by computer system 10. Figure 3b depicts record I 10 which stores the information...

...Minimum value field 1 16 stores the minimum value that the seller is willing to **accept** for the particular item being sold. In some cases, the minimum value is equal to...

...166

corresponds to the auction ID field 112 of a particular record 110. Amount field 168 stores the amount that the bidder paid to purchase the rights to **bid**. **Time stamp** field 1 5 170 stores a **time** and day **indicative** of when computer I 10 received the purchase of the rights to **bid**. Figure 5 is an example of the format for storing user data. Record 180 stores...

...bank account information or other data to effectuate a purchase. History field 192 stores historical **bidding** and purchase information for this particular bidder. Figure 6 is a flow chart describing one...

...to be auctioned. In step 204, computer system 1 10 provides auction information. This includes **web** server 20 providing various **web** pages

for users to access via **network** 12. These **web** pages will include information about the auction itself, including the item, the cost of purchasing the rights to **bid** and various information about the auction. In step 206, computer system 10 **allows** bidders to purchase the rights to **bid** . For purposes of this document, purchasing the right to **bid** , purchasing **bids** , **bid** purchases and purchasing **bid** rights all mean the same thing. Step 206 could be limited in time, can be...decides whether sufficient value has been received for all the purchases of the rights to **bid** . In one embodiment, step 208 includes determining a sum of all of the purchases of the rights to **bid** . If the sum equals the seller's minimum price, then sufficient value has been received...

...received. In another embodiment, the system determines the minimum number of purchases of rights to **bid** that need to be received to meet the seller's minimum price. When that number of purchases of rights to **bid** have been received, the test of step 208 is satisfied. If sufficient value was received, then computer system 10 notifies the users that competitive bidding will begin in step 210. This notification could be made via a web page using **web** server 20. Alternatively, a user can be notified by email, **telephone** or some other communication means. In one embodiment,

only users who purchase the rights to **bid** for the particular item will be notified. In other embodiments, additional users can also be notified. In step 212, competitive **bidding takes** place for the particular item in question. In step 214, a buyer of the item is identified. The buyer is the entity with the highest **bid** from step 212. In step 216, the sale is transacted. If in step 208 computer system 10 determines that the sufficient value was not received for the rights to **bid** , then the method loops to step 220 and determines whether the auction process should continue...

...In step 252, the seller sets up a seller profile. The seller does this using **web** 15 pages on **web** server 20. The seller profile includes information about the seller such as prior history, address...
...computer system 10 receives information about the item from the seller. The information is received via **web** server 20. The information about the item can include the summary of the item, description...

...equal to a predetermined amount of the minimum price, then continue to sell rights to **bid** . In one embodiment, the seller can indicate to raise or lower the price to purchase rights to **bid** . Figure 8 is a flow chart describing the process for interfacing with a user. The steps of Figure 8 are primarily performed by **web** server 20 using **web** page data 30 and information from application server 22. In step 300, **web** server 20 provides a **web** page which lists all of the auctions available on computer system 10. In step 302, **web** server 20 receives a selection of an auction from a user accessing **web** server 20 over **network** 12. In step 304, **web** server 20 displays a **web** page showing the auction

parameters for the selected auction. In step 306, if computer system 10 is still **accepting** purchases of the rights to **bid**, a link is displayed in step 308 that **allows** the user to purchase the rights to **bid**. In step 310, if the system is **accepting bids** for an auction, then a link is displayed in step 312 which **allows** a user to add a **bid** to the auction. In step 314, **web** server 20 receives a selection to make a **bid**, purchase rights to **bid** or go back to the previous page. If the user selects to go back to...

...the method loops back to step 300. If the user selects to purchase rights to **bid**, then the various **web** pages for purchasing rights to **bid** are provided in step 316. If the user selected to make a **bid**, then the various **web** pages for making a **bid** are provided in step 318. After making a **bid** or purchasing the rights to **bid**, the method loops back to step 304. If the user is using a standard **web** browser known in the art, the user typically has the option of going back to a previous page. In one embodiment, the **web** site implementing the user interface described by Figure 8 includes a home page with multiple...

...the user is presented with a page that identifies opportunities to purchase the rights to **bid** or participate in a modified auction for items within the category identified by the selected tab. In one implementation, for each opportunity to purchase rights to **bid**, the page will describe the item, the cost of rights to **bid**, the number of **bid** rights still available for purchase and the estimated time left until the modified auction. The...

...for receiving requests to purchase the rights to **bid** and fulfilling those requests. In step 360, computer system 10 receives a request to purchase the rights to **bid**. It can be in the form of the user selecting the link 0 in the **web** pages described above, or another suitable form to request a purchase. In step 362, computer...

...in step 364, computer system 10 verifies payment data for the purchase. The rights to **bid** has a set cost. This price will be displayed to the user on the pages...

...respect to Figure 8. In one embodiment, the user 5 pays for the rights to **bid** via a credit card transaction. In step 364, the bidder's password is verified and...

...to **bid** by completing the transaction. In step 370, a new record 160 is added to **bid** purchase data 44 for the new purchase of the rights to **bid**. In step 372, computer system 10 determines whether it will receive any more purchases. If...

...the method loops back to step 360. In one embodiment, the system will continue to **accept** new purchases of rights to **bid** until the sum of

all the purchases of rights to **bid** is equal to or greater than the minimum price. In one embodiment, the process of...

...to change the payment data then, in step 380, new payment data can be **entered** into and received by computer system 10. That new payment data is stored in field...

...record 180. Figure 10 is a flow chart depicting a method for conducting a competitive **bidding** session. In step 400, computer system 10 receives a **bid**. The **bid** includes the name of the bidder, an identification of the item, an identification of the...

...402, computer system 10 verifies the bidder. That is, when a bidder places a **bid**, the bidder is required to **enter** a user name and password. In step 402, computer system 10 verifies that the bidder exists in user data 46. Step 402 also includes determining whether the bidder making the **bid** purchased rights to **bid** for this particular auction. This is done by accessing **bid** purchase data 44 in order to find a record 160 that has a bidder ID field...

...If the bidder is a valid bidder in the system who has purchased rights to **bid** in this particular auction, then in step 406, computer system 10 determines whether the **bid** is valid. In one embodiment, each auction has a minimum increment and a maximum increment...

...there is no minimum increment. In other embodiments, there is no maximum increment. If the **bid** is within the minimum and maximum increments, then it is a valid **bid** (step 408) and the method loops to step 410 to update the auction data. In one embodiment, step 410 includes changing current win **bid** field 130 of record 110, adding a new **bid** ID field into record 148, and adding a new record 90. In step 412, **web** server 20 updates the auction data in any of the **web** pages being displayed to indicate a new high **bid**. In step 414, the system determines whether there is any more time left in the...

...then the method loops back to step 400. If there is no more time, then **bidding** is closed in step 416. In step 404 of Figure 10, if it is determined...

...some embodiments, an auction may be open to people who did not purchase rights to **bid**. In this case, an invalid bidder would be someone who did not have an account in computer system 10 and step 420 would **allow** them the opportunity to open an account and **enter** 10 a **bid**. In step 408, if the **bid** is not valid (e.g. because it violates the minimum and

maximum increments) then the user is notified of the invalid **bid** in step 424. After steps 420 and 424, the method loops to step 414. In...

...to be the market price of the good. Thus, when all of the rights to **bid** have been purchased, the seller has already received the market value of the good, and the proceeds from the competitive **bidding** will provide the seller with additional proceeds beyond the market price. During the auction of the auction is set to a short time. By having a short **bidding** process and **only allowing** small increments in each **bid**, it is likely that the final auction price will be far below the market price...

...price much lower than the market price. The bidders who did not win the auction **only** paid a small fee to purchase the right to **bid**. Because the auction is short and **allows** for many **bids** due to the small increments, all the bidders would be able to participate in an...

...a minimum value of the item to be \$200 The cost of purchasing rights to **bid** on the item is set at \$ 1.00 with the expectation that 200 persons will pay for the right to **bid** on the radio. When 200 people have purchased the rights to **bid** on the radio, the auction begins. In this example, assume that the maximum **bid** increment is 500 and there is no minimum bid increment. The duration of the auction is...

...value of the radio (e.g. \$35.00 + \$ 1.00). The entities losing the auction **only** paid \$ 1.00 for the entertainment of the auction and the chance of buying a radio for \$35 In one embodiment, a service providing computer system 10 can charge...

...by the claims appended hereto.

CLAIMS

I claim:

1 A method for conducting a modified **on - line** auction process, comprising the steps of:

storing, in a computer system, a minimum price for selling an item;
receiving requests at said computer system to purchase rights to **bid** for said item;

fulfilling said requests to purchase rights to **bid** using said computer system; determining a sum of said purchases of rights to **bid** using said computer system;

and

conducting an **on - line** auction for said item if said sum is at least equal to said minimum price...

DIALOG(R)File 349:PCT FULLTEXT
(c) 2007 WIPO/Thomson. All rts. reserv.

00820476 **Image available**

**IMPROVED SYSTEM AND METHOD FOR INTERACTIVE
PROCESSING AND DISPLAY OF
INFORMATION**

**SYSTEME ET PROCEDE AMELIORES DESTINES AU TRAITEMENT
INTERACTIF ET A**

L'AFFICHAGE D'INFORMATIONS

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200154039 A2 20010726 (WO 0154039)

Application: WO 2001US2105 20010122 (PCT/WO US0102105)

Priority Application: US 2000488278 20000120

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM
DZ EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT

LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK
SL TJ TM

TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 29139

Main International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... rating. (First and Second Embodiments)

Reject An indication that a system subscriber has nullified the **most recent**

Counter or **Accept** made by another system subscriber in a negotiation sequence, and a Reject of a Counter...

...time period, and sell a

commodity at a second delivery point or a time period. (**Second Embodiment**)

Synthesized An **indication** that the **bid** or **offer** is derived by the system from two

other postings on the system. (Second Embodiment)

Trading...

...transaction. (First and Second Embodiments)

Withdraw An indication that a system subscriber has rescinded the **most recent** Counter or **Accept** in a negotiation sequence, and withdrawing a Counter or Accept leaves any prior actions in...

*****of interest*****

20/3,K/16 (Item 16 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

00737987 **Image available**

**GLOBALLY TIME-SYNCHRONIZED SYSTEMS, DEVICES AND METHODS
SYSTEMES GLOBALEMENT SYNCHRONISES DANS LE TEMPS**

Patent Applicant/Assignee:

REVEO INC, 85 Executive Boulevard, Elmsford, NY 10523, US, US
(Residence)

, US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200050974 A2-A3 20000831 (WO 0050974)

Application: WO 2000US5093 20000228 (PCT/WO US0005093)

Priority Application: US 99258573 19990226; US 2000513601 20000225

Parent Application/Grant:

Related by Continuation to: US Not furnished (CIP).

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB

GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA

MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA

UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 80968

Main International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Claims

Claim

... local time is appended to the security verification log.

Immediately upon receipt of the response **submission** , after recording the **time - stamp** , the client machine calculate a hash or CRC (cyclic redundancy check) value using the contestant's response and the **timestamp** . The hash value is appended to the security verification log.

As indicated at Block C in FIG. 4F3, a message containing the hash value and the response **time** , **indicated** as Message 490 in FIG. 3E, is immediately sent from the client machine 160 to...

...packet-size will be less subject to a delay due to the bandwidth of the **network** . The time of receipt of the response notification hash by the game server 150 can...As indicated at Block B in FIG. 9EI, the auction server is able to accept **bids** for item A that are **time - stamped** after tj.

As indicated at Block C in FIG. 9E], the client machine sends a **bid** for item A to the auction server at **time** t, and **time - stamps** its **time** of transmission using the local clock which has been characterized using the GPS, as described above.

As indicated at Block D in FIG. 9EI, the auction server receives the **bid** from the client machine at **time** t3 and **time - stamps** its **time** of receipt using

the local clock which has been characterized using the GPS, as described

...

...in FIG. 9EI, the auction server sends to the client machine a confirmation of the **bid** receipt containing the **time - stamps**.

Page 121 of 238

competing client machines (i.e. bidders) with the highest **bid** information for item A.

As indicated at Block Gin FIG. 9EI, the system continues the...

...set forth at Blocks C and D until the auction server no longer receives any **bids** for a predetermined amount of time (e.g. x **seconds**).

As **indicated** at Block H in FIG. 9EI, the auction server sends all participating client machines a notice of final **bids** at **time** t4

As **indicated** at Block I in FIG. 9E2, the auction server waits a second predetermined time period (i.e. y seconds) for a new **bid** from any client

machine participating in the auction. As indicated at Block J in FIG. 9I32, at t4 + Y seconds, the auction server closes the **bidding** process.

As indicated at Block K in FIG. 9E2, the auction server waits z seconds for any **bids time stamped** prior to t4 = Y **seconds**.

As **indicated** at Block Lin FIG. 9E2, the auction server determines whether a new higher **bid** has been received, and if so, then returns to Block F in the process loop...

...M in FIG. 9I32, if the auction server determines

that at Block L that no higher **bids** have been received, then the auction

server determines that item A is sold to the...

...with the final sales price at which the item has been sold.

By carrying out accurate **time - stamping** at both the client and server ends of the auction process, each **bid** message carries two **time - stamps** (i.e.

one produced at the client machine and one at the auction server) and therefore can be reliably **accepted** based upon the **submission** -time of the

bid at the client machine and not upon the receipt-time thereof at the auction server. Consequently, this enables auction server to **accept** the highest **bid** provided that its time of **bid** placement at the client machine falls within the predetermined **bid** window, and not when they are received at the server. In a fast paced, real...

...auction, this feature of the present

Page 122 of 238

auction process.

The high-level **bidding** process described above has been described in connection with an auction-supporting system having GSP...

...general, the auction-supporting system of the present invention can be used to auction off **virtually** any item of value such as, for

example:

antiques; commodities; consumer goods; personal articles and...

...auction-supporting system of the present invention has been described above in connection with an **Internet** -based process involving many bidders simultaneously **bidding** on a single auction item, it is understood that such bidders could be **bidding** on multiple items in a multi-item combinatorial auctions, as well as any variations thereof...

...as "BOTS") programmably engaged in real-time, time-constrained competition for valuable resources over the **Internet** . In such embodiments of the present invention, the client machines can provide a host environment...purchase or lease) of an item of value in a time-constrained manner over the **Internet** or other information **network** .
Modifications of and Extensions to The System of the Illustrative Embodiments
Although the illustrative embodiments...

...using a standard radio receiver from the NIST WWV and WWVH time and frequency service **broadcast** stations.
Because the time signals are sent by radio waves from one or more fixed ...

...due to the speed of propagation of the radio waves. This latency is affected not **only** by the straight line distance to the transmitter, but also by the actual path **taken** by the radio waves to reach the transmitter, which may involve reflections from natural or...

...the physical location of the receiver unit. After determining the unit's location, using cellular **telephone** data, user- **entered** location information, or other means, the estimated latency for that location can be determined, Page...

...latency to that receiver. In fact, the data unit must be sent earlier still to **allow** for the stochastic nature of communications delays as well as to **allow** for the time for the receiving GSU to process and decrypt the information.
Page 125...

...100Hz, and the start-times were chosen as integer-multiples of 10ms, then it would **only** be necessary to perform the full monitor synchronization

procedure once, after which the stock prices to provide a secure and verifiable **time**

stamp on each response from each competitor. This security measure may

be compromised in **only** two ways: (1) by physically dissecting the GSU and

extracting the secret key; or (2) by...

...The Competition/Contest Promoting Systems

And Methods Of The Present Invention

As explained hereinabove, the **Internet** -based competition and contest promoting systems and methods of the present invention can be used...

...market. Also, application of the present

Page 127 of 238

for all bidders participating in **on - line** auctions.

The system and methods of the present invention can also be applied to the...

...be of importance with respect to the rights of the parties involved. By providing truly accurate **time** -space **stamps** on legal

documents, the rights of members of our society can be more fairly championed, regardless of where such parties may be physically or electronically situated.

In addition to the **Internet** -based game, securities trading, and auction processes described in detail above, the **Internet** -based competition and contest promoting systems and methods of the present invention can be used...

...number of competing teams, each having

one or more designated representatives participating in the competition.

Time -Space **Stamping** Based Object Tracking System and Method Of The

Present Invention

In general, the GSU technology of...

...the present invention can

enable a wide array of novel service applications deliverable over the

Internet and other globally-extensive networks.

In FIG. 16, there is shown a **time** -space (TS) based **stamping** based system for tracking mobile animate as well as inanimate objects including, for example, human...

...illustrative

embodiment, each object being tracked carries an ultra-compact or miniature client-type computing/ **network** device embodying the global synchronization unit (GSU) or extended GSU of the present invention, as possibly...

...shown

in FIG. 2135, each of which is operably connected to the infrastructure of the

Internet (or other globally-extensive packet switching digital

Page 129 of 238

otherwise supported upon an...

...to be tracked, using suitable device

mounting mechanisms and devices known in the arts; a **Web**-based Owner/Object **Registration** Information Server 1003, operably connected to

the infrastructure of the **Internet**, for access by any **Web**-enabled client

machine 1010 to create an Object Record and Owner Record in a **Web** enabled RDBMS Owner/Object 1001 (during the Object/Owner

Registration

Process), for each object to be tracked by the object tracking system; TS stamping Based Tracking Server 1000, operably connected to the infrastructure of the **Internet**, and in wireless communication with each GSU

enabled client-computing device 160' **registered** with the system, for (i)

collecting time-space (TS) coordinate data therefrom as the underlying...

~~Bibliographic NPL files

22/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2007 Institution of Electrical Engineers. All rts. reserv.

08439645 INSPEC Abstract Number: C2002-12-7120-047

Title: Digital timestamps for dispute settlement in electronic commerce:

generation, verification, and renewal

Author(s): Matsuura, K.; Imai, H.

Author Affiliation: Interfaculty Initiative in Inf. Studies, Univ. of Tokyo, Japan

Conference Title: ICEIS 2002. Proceedings of the Fourth International Conference on Enterprise Information Systems Part vol.2 p.962-7 vol.2

Publisher: ICEIS Press, Setubal, Spain

Publication Date: 2002 Country of Publication: Spain 2 vol.xxx+1129 pp.

ISBN: 972 98050 6 7 Material Identity Number: XX-2002-01869

Conference Title: Proceedings ICEIS 2002. 4th International Conference on Enterprise Information Systems

Conference Date: 3-6 April 2002 Conference Location: Ciudad Real, Spain

Language: English
Subfile: C
Copyright 2002, IEE

...Abstract: without queueing is discussed by using the two parameters. Another issue will occur when we **submit high** -dimensional contents to be **time - stamped** and the components of the contents are **updated** independently in later time; memory requirement on the client depends on the **submission** strategy. A discussion on different strategies is given as well.

22/3,K/9 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2007 ProQuest Info&Learning. All rts. reserv.

01883760 ORDER NO: AADAA-I3050590

Essays on auctions and markets

Author: Shneyerov, Artyom

Degree: Ph.D.

Year: 2002

Corporate Source/Institution: Northwestern University (0163)

Source: VOLUME 63/04-A OF DISSERTATION ABSTRACTS

INTERNATIONAL.

PAGE 1462. 113 PAGES

ISBN: 0-493-65202-7

Essays on auctions and markets

The first chapter of this dissertation studies a Walrasian double **auction** introduced in Kyle (1989). By the way of an example, I find that inefficient equilibria can persist in the these **auctions** even when M , the number of traders, grows without limits. However, if there is a...

...falls at the even faster quadratic rate.

The second chapter studies identification on first-price **auctions** with asymmetric bidders. In this chapter, I formulate necessary and sufficient conditions for the distribution...

...expected value of the object. Finally, I show that bidding strategies in first-price and **second** -price **auctions** are **identified** only up to a monotone transformation. Nevertheless, as I further demonstrate, by treating bids as...

...one can in principle solve for possible distributions of the bids in the second-price **auction** from the knowledge of such distribution in the first-price **auction**, and hence to perform revenue comparisons.

The third chapter applies **auction** theory to municipal bond **auctions** held in California from 1998 to 2001. Without assuming bidder symmetry, a

general method of...

...that the data support the model with common values. The bid shading (spread) in these **auctions** is found to be \$12-\$16 per \$1000 of the face value of the...

...bidding syndicates shade their bids more and suffer more from the winner's curse than **larger** syndicates do.

22/3,K/10 (Item 2 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

(c) 2007 ProQuest Info&Learning. All rts. reserv.

01606967 ORDER NO: AADNQ-20562

ESSAYS IN FIRM BEHAVIOUR: COOPERATIVE R&D AND COMPETITIVE BIDDING

Author: GUNDERSON, ALAN L.

Degree: PH.D.

Year: 1997

Corporate Source/Institution: QUEEN'S UNIVERSITY AT KINGSTON (CANADA) (0283)

Source: VOLUME 58/09-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 3657. 129 PAGES

ISBN: 0-612-20562-2

ESSAYS IN FIRM BEHAVIOUR: COOPERATIVE R&D AND COMPETITIVE BIDDING

...product market is outweighed by the elimination of duplicative research. For industries with a sufficiently **large** number of firms, only a unique RJV size can exist in equilibrium. However, for small...

...innovation exceeds the monopoly rent, too much cooperation among firms may occur in equilibrium.

The **second** essay (chapter 3) **identifies** conditions where cooperative behaviour in research and development improves market performance in a differential game...

...competitive R&D when the spillover rate is above a certain threshold. This threshold is **largest** when products are very close substitutes and the discount rate is **large**. Given the amount of product differentiation there exists a range of spillovers for which cooperation...

...the effects of a seller concealing more or less information during the course of an **auction**. The **auction** allows firms to bid for an asset

which they must acquire before they can use...

...as the identity of the bidders or the amounts of all valid bids except the **highest**, is concealed during the course of the bidding. The more information that a seller conceals...

...a bidder is willing to jump bid in order to signal its valuation and the **larger** is the set of jump bid equilibria. Finally, we show that the expected revenue of...

~~Full text NPL files - 1

31/3,K/2

DIALOG(R)File 20:Dialog Global Reporter
(c) 2007 Dialog. All rts. reserv.

30502313 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Zaldiva Partners With ShopSite For E-Commerce Solutions

PR NEWswire (US)

August 04, 2003

JOURNAL CODE: WPRU LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 577

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... quantity discounts; order quantity discounts; product upsell/cross-sell; unlimited product options; order anywhere; meta **tag** editing * Commerce Tools: **real - time** UPS address validation, rates and services; zip/ **postal** code-based tax calculation; minimum order value; dual currency support; flexible tax options; **real - time** credit card processing; configurable payment types; flexible, completely customizable shipping and handling options

Zaldiva(TM), Inc. **offers** a wide variety of products and services from antiques, collectibles, sports memorabilia, cigars and smoking...

... to collectible tins and from cigar boxes to hand-carved African trinkets. Zaldiva.com also **offers** free e-mail accounts, a newsletter subscription service, stock quotes and financial news, weather reports, movie listings and show times, and online **auctions**. Zaldiva(TM) Web Solutions Co. is a one-stop-shop for any and all Internet related services. Zaldiva Cigarz(TM) proudly offers premium cigars of the **highest** quality, hand made by Cuban Tobacconists, featuring Cameroon wrap and binder with Dominican longleaf filler...

31/3,K/6

DIALOG(R)File 20:Dialog Global Reporter
(c) 2007 Dialog. All rts. reserv.

17169112 (USE FORMAT 7 OR 9 FOR FULLTEXT)

UK Vacation Auction Portal Hits It Big - Correction

NEWSBYTES

June 11, 2001

JOURNAL CODE: FNEW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 438

... way of selling off spare capacity on vacation package deals - auction them off to the **highest** bidder online.

The **auctions**, which **take** place in **real time** over a period of days, differ from the "hidden **auction**" approach of Priceline U.K., where users are asked create their own price **tag** for a product or service, with Priceline circulating the **bid** around suppliers.

31/3,K/7

DIALOG(R)File 20:Dialog Global Reporter

(c) 2007 Dialog. All rts. reserv.

17115315 (USE FORMAT 7 OR 9 FOR FULLTEXT)

UK Vacation Auction Portal Hits It Big

NEWSBYTES

June 07, 2001

JOURNAL CODE: FNEW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 421

... way to sell off spare capacity on vacation package deals - auction them off to the **highest** bidder online.

The **auctions**, which **take** place in **real time** over a period of days, differ from the "hidden **auction**" approach of Priceline U.K., in which users are asked to create their own price **tag** for a product or service, with Priceline circulating the **bid** around suppliers.

~~Full text NPL files - 2

23/3,K/5 (Item 4 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2007 ProQuest Info&Learning. All rts. reserv.

02070604 61061037

Free Web trading for the masses!

Kapler, Robert

USBanker PP: S14 Sep 2000

ISSN: 0148-8848 JRNL CODE: USI

WORD COUNT: 666

...TEXT: sighted looking for a catch in the fine print. San Francisco-based The FinancialCafe.com **offers** free on-line stock trading with no

minimum account balance or restrictions on odd lots...

...several levels of investment research.

Limit orders and options do come with a small price **tag**. The startup **offers** 10 market contracts on options for \$14.95, which is nearly two thirds less than the price charged by **most** other on-line brokerages. It also provides unlimited fixed income securities for \$39 per order. One feature called **RealTime** Tracker, **allows** users to monitor their stocks in real time with a tool offered by partner stox...

23/3,K/6 (Item 5 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2007 ProQuest Info&Learning. All rts. reserv.

01896436 05-47428

Attention online shoppers

Krummert, Bob

Restaurant Hospitality v83n9 PP: 129-130 Sep 1999

ISSN: 0147-9989 JRNLCODE: RHP

WORD COUNT: 1115

...TEXT: claim. But early anecdotal evidence from the independent restaurants that use the company's PowerPurchasing **real - time bidding** program **indicate** that FoodGalaxy.com might be able to back it up.

Skeptics may ask how and...

...distributors, who run on a 14-16 percent gross margin, would cut prices to capture **bids** through FoodGalaxy. What's the benefit to them of selling food to the same people they already do, **only** a whole lot cheaper?

"Suppliers benefit by gaining exposure to a **larger** customer base, reducing sales and marketing costs, and obtaining market share information on a client...

23/3,K/10 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2007 The Gale Group. All rts. reserv.

08032529 Supplier Number: 66797984 (USE FORMAT 7 FOR FULLTEXT)

**AXCESS to Unveil New Internet Service at COMDEX; Supervisor
Information
System Provides Real-Time Enterprise Monitoring With Instant Alert
Notification.**

Business Wire, p0119

Nov 10, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 551

... approach, users are able to personalize their entry page to display the information they deem **most** critical; be it cash **register** tallies, asset movement, **real - time** staffing reports, alarm events or a multitude of other available data reports and video streams.

onlinesupervisor.com combines patented streaming video technology with RFID **tagging** to **offer** 24/7 Internet-based e-supervision, with the unique capability of sending instant, user-defined...

23/3,K/29 (Item 1 from file: 13)

DIALOG(R)File 13:BAMP

(c) 2007 The Gale Group. All rts. reserv.

00699182 Supplier Number: 25654055 (USE FORMAT 7 OR 9 FOR
FULLTEXT)

The Story of E

(The development of the Internet is significantly altering the commercial
printing industry)

Article Author(s): Kirby, Gretchen A

Publishing & Production Executive, v 14, n 4, p 40,45-46+

April 2000

DOCUMENT TYPE: Journal ISSN: 1048-3055 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2519

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...to the print buyer is to look to the companies that have the support of
large investments".

PLAYING the PAPER EXCHANGE

PAPEREXCHANGE.COM has positioned itself as the leading industry e...
...site boasts a membership of suppliers, buyers and converters from more
than 75 countries. A **real - time** freight **code** request and logistics
services will soon be complemented by **online** tracking of product
deliveries, according to the site. Credit approval and payment processing

services ensure credit worthiness of approved buyers. The site also **offers** industry news and stock activity monitoring RS 166.

GETTING a DEAL

PAPERDEALS.COM **offers** a **live** auction site for commercial printing papers. Membership to the site is free; **only** sellers who successfully complete an auction transaction are charged a fee. PaperDeals.com **offers** customized e-mail notifications based on the user's preferences. Customized e-mail delivery notifies participants when a new auction goes **live**, when users have "lost" an **auction**, when users have been outbid or when a user's **bid** has won the transaction. RS 167.

GET IN THE LOOP

NEW TO the **Web** realm, www.paperloop.com (an **online** venture led by Miller Freeman) **offers** a portal solution for paper market information and e-commerce-based transactions. The site is...

~~Full text NPL files - 3

24/3,K/15 (Item 9 from file: 613)

DIALOG(R)File 613:PR Newswire

(c) 2007 PR Newswire Association Inc. All rts. reserv.

00136244 19990707SFW012 (USE FORMAT 7 FOR FULLTEXT)

Bigstep.com Brings the Internet Revolution to Main Street by Helping Small

Businesses Get Ahead on the Web - Not Just On It

PR Newswire

Wednesday, July 7, 1999 11:00 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 1,140

...email

newsletters can be created and sent to customers to introduce products and promote sales.

* **Online** product catalog: Bigstep.com **allows** users to showcase unlimited products and services through an **online** catalog or portfolio that can be continuously **updated** for free.

* E-commerce: Bigstep.com **allows** users to create **online** merchant accounts

-- without the hassle and **high** price **tag**. Users can manage **online**

orders and create an efficient checkout process.

* Marketing: Based on the user's individual business needs, Bigstep.com **submits** each site to leading search engines.

* Reporting: Available shortly after launch, this component helps users...

24/3,K/26 (Item 4 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2007 The Gale Group. All rts. reserv.

04153873 Supplier Number: 54456277 (USE FORMAT 7 FOR FULLTEXT)

Internet's First Live Streaming Video Dutch Auction 04/22/99.

Newsbytes PM, pNA

April 22, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 492

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

NEW YORK, NEW YORK, U.S.A., 1999 APR 22 (NB) -- By Martin Stone, Newsbytes. **Bid** .Com International Inc. [NASDAQ: **BIDS**] [TSE:BII] and American Interactive Media, Inc., (OTC: AIME) have teamed up to host the Internet's first **live** streaming video and audio **auction** . The project is the first programming event to spring from the two companies' joint venture agreement signed last January and brings together **Bid** .Com's proprietary declining-price (Dutch) **auction** format and technology and AIME's creative, marketing and production capabilities. **Bid** .Com president Jeff Lymburner told Newsbytes the Dutch **auction** format reduces prices at set time intervals from an established starting price until the lot...

...makes it particularly powerful is that it merges audio and video with our patented Dutch **auction** technology, which even with audio and video, is a unique proprietary technology which has a...

...down, game-like dynamic. The underpinning of it is already exceptional and quite unique to **Bid** .Com, and when we layer on audio and video, what we have is really is a first step toward **real - time** interactive, TV-like functionality." In a Dutch **auction** , the longer you wait, the lower the price, but as Lymburner says: "If you wait...

...possible that others will click-in ahead of you." He claims the system is affected **only** marginally by latency, the time-warp between the instant a bidder clicks and the **bid** is **registered** on the site, but **admits** that a user with a faster ISP may have a slight advantage over the user whose modem or ISP is slower. In addition to the sports memorabilia, **Tag** Hauer watches, Hewlett-Packard computer monitors and a variety of other

items will be up for the **bidding** . The **auction** will be hosted by veteran comedian Lewis Black, who is regularly seen on AIME's...

...feature an autographed Wayne Gretzky hockey shirt and baseballs signed by Roger Clemens. Browsers can **bid** in the **live auction** by visiting [http://www. bid .com](http://www.bid.com) or linking through AIME's <http://www.comedynet.com>

Bid .Com, founded in 1995, is one of the Internet's **largest** online **auction** sales organizations, with offices in Toronto, Ontario and Tampa, Florida. American Interactive Media, Inc. headquartered...

24/3,K/29 (Item 7 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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03722773 Supplier Number: 48044763 (USE FORMAT 7 FOR FULLTEXT)

MaxFAX New FCC ...

CableFAX, v8, n134, pN/A

Oct 13, 1997

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 494

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...heighth of heartfelt arrogance, that wintry smirk and that "I'll tell you what's **good** for you" regulatory environment ... those fatuous **auctions** , those book writing threats, those misplaced ethics involving Portals and petty jealousies ... those "appearances-are...

...after watching C- SPAN, how could a sane person write that line?) This is the **biggest** change in FCC leadership in our lifetimes ... I don't know what'll happen, just...

...television (and now radio, too); sometimes I wonder what it does to cynicism levels. The **current** , ongoing brouhahas over campaign finance is fascinating. And, as I wrote a small check to...

...m amused at the Republicans castigating Clinton and the Democrats for merely getting (almost) as **good** at fund raising as they. (That's the real surprise, of course ... free market Democrats...

...folk are turning to magazines to market their products ... joining A&E's Biography (pretty **good**), DirecTV's sports mag and some others is a nice mike from audio multi-casters Music Choice. **Tag** lined "the magazine of music choice," the glossy will - besides being promoted on-screen and...

...awareness and retention. Biography sets the standard, and mike looks ready to play. *WICT Silent **Auction** : Come on and **bid** ... **only** \$1,000 for lunch with Leo? ... **only** \$700 for lunch with Jim? ... **only** \$650 for golf with Bern? You can do better ... **bid** today!

24/3,K/35 (Item 13 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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01134211 Supplier Number: 40896299 (USE FORMAT 7 FOR FULLTEXT)

BELLSOUTH AIMS TO USE ELECTRONIC MESSAGING TO PROVIDE CORPORATE

APPLICATIONS SOLUTIONS

Electronic Messaging News, v1, n2, pN/A

August 8, 1989

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 701

... tend to use long distance service a great deal, partly because when contacting individuals at **large** companies, it **takes** an average of 4 calls to reach the appropriate person.

Electronic mail is a fairly obvious solution in those cases because **real - time** message delivery **offers** a means of avoiding expensive **telephone tag** , and is particularly effective when contacting persons in different time zones.

In working with its...

~~Full text NPL files - 4

18/3,K/2 (Item 1 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2007 The Gale group. All rts. reserv.

05162368 SUPPLIER NUMBER: 20770480 (USE FORMAT 7 OR 9 FOR FULL TEXT)

But can you get it wholesale? A survey of Internet auction sites finds that

some aren't such a deal.

Henry, Ed

Kiplinger's Personal Finance Magazine, v52, n7, p115(3)

July, 1998

ISSN: 1056-697X LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1718 LINE COUNT: 00133

... to manufacturers or resellers.

RULES OF THE GAME

It's one thing to understand an **auction** and another to win in one. Depending on the **auction**, various strategies will strengthen your hand. **BID EARLY**. In the case of identical **high** bids, the tie breaker is either the number of items being purchased (if more than one is offered) or the earliest **time stamp**. Cover yourself by **entering** an early first bid and following up with your true bid.

BID LATE. Let someone else think he's bought the item, and with minutes to go, make your **best offer**. When timing your **bid**, don't make the mistake of watching the time on your computer--watch the auction's clock.

EMPLOY A ROBOT. Some **auctions**--typically those that run on software designed by OpenSite Technologies--not **only** can record **bids** in **real time** but will place additional **bids** automatically, if you want, anytime someone tops yours, up to a **maximum** you have secretly specified.

KNOW THE STREET PRICES. In a hotly contested **auction**, the **bidding** often exceeds the actual value of the item you are **bidding** for. Lacking solid information on the price, you may pay too much. Check several stores ...

...Crown, \$14.95) can help you establish the value of furniture and collectibles. On the **Internet**, Consumer World, created by former Massachusetts assistant attorney general Edgar Dworsky, lists the prices of ...

18/3,K/19 (Item 1 from file: 492)
DIALOG(R)File 492:Arizona Repub/Phoenix Gaz
(c) 2002 Phoenix Newspapers. All rts. reserv.

10589256

KNOW RULES BEFORE YOU BID ONLINE

Arizona (AR

) - Wednesday, March 29, 2000

By: ALICE BREDIN, Tribune Media Services

Edition: Final Chaser Section: Smart Living Page: E3

Word Count: 532

In **most** cases, **online** auctions let you bid against other customers to buy new, discontinued and refurbished products for the lowest price.

Online auctions' operating practices vary, but in general, products change frequently, and an auction's duration ranges from 30 minutes to one week. To place a **bid**, you must **register** on the site and **enter** your account number and **offer**. Eventually, the **highest** bidder wins, and the auction house ships the merchandise at the buyer's expense.

If you're a **current** auction watcher or if you're ready to try **bidding**, use these tips to get the **best** auction deal:

* Wait and watch. Before **bidding** , monitor the site for a few days to get a sense of items' going prices. This also may help you **identify** a **time** of day when bidding is not as competitive, as well as other strategies that can help you get items for the lowest price. **Most auction** sites allow visitors to monitor **auctions** without registering or participating.

* Review the details. When auction fever hits, it's easy to...

18/3,K/22 (Item 2 from file: 641)
DIALOG(R)File 641:Rocky Mountain News
(c) 2007 Scripps Howard News. All rts. reserv.

10684083

**ONLINE ANTIQUING CUTTING-EDGE COMPUTER TECHNOLOGY
PROVIDES AN OUTLET FOR
LOVERS OF AGING COLLECTIBLES**

Denver Rocky Mountain News (RM) - Sunday, July 2, 2000

By: Jane Asper Special to the News

Edition: Final Section: Home Front Page: 6F

Word Count: 1,103

... you can also do a search of descriptions as well, yielding even more possibilities. The **best** titles include the **most** keywords, and **most** auctions feature detailed descriptions - some more detailed than others - and color photos.

Equally important is...

... basic auction information provided for each item. This includes the amount and time left to **bid** before the auction ends (each auction can last three, five, seven or 10 days), the seller's minimum **bid** , and the **current high bid** .

The seller may have put a ``reserve" on his item, which means the item will...

...If he has so chosen, then you will see in parentheses right next to the **current bid** price either ``reserve not yet met," or ``reserve met." The amount of the reserve is known **only** to the seller, and this is a crucial part of what makes eBay an auction house, not just an **Internet tag** sale.

But say you collect teddy bears, and you have found the cutest Steiff bear...